



ENGINE BEARING CATALOG 2016

ACL16

**PLEASE NOTE: BEFORE GRINDING CRANKSHAFT WE ADVISE
YOU TO CHECK WITH YOUR LOCAL DISTRIBUTOR TO ENSURE
THE UNDERSIZE REQUIRED IS AVAILABLE.**

Note: All information in this Catalog has been compiled from the most reliable sources available to us, and prepared with the greatest care, in an endeavor to have it correct. However, no responsibility can be accepted if any details are found to be incorrect. We welcome any feedback on any errors which you may come across while using this Catalog.

UNDERSTANDING THIS PART LISTING

This catalog is designed in an index format to make the selection of ACL engine bearings an easy task.

ACL SET NUMBERING SYSTEM

EXAMPLE

4 B 1780P - STD

DENOTES QUANTITY OF PAIRS PER SET	UNDERSIZE OF SET
DENOTES SET TYPE	DENOTES MATERIAL/BRAND

<p>B CONROD BEARING SET</p> <p>M MAIN BEARING SET</p> <p>C CAMSHAFT BEARING SET</p> <p>T THRUSTWASHER SET</p> <p>BS BALANCE SHAFT OR AUXILIARY BEARING SET</p> <p>RB SMALL END BUSH</p> <p>SC SPECIAL CAMSHAFT BEARING SET</p>	<p>A ALUGLIDE</p> <p>D DURAGLIDE (DIESEL)</p> <p>P DURAGLIDE</p> <p>H RACE SERIES</p> <p>HX RACE SERIES .001" EXTRA CLEARANCE</p> <p>HD RACE SERIES ALL ST DOWEL HOLE LOCATION</p>
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1. Locate the manufacturer – these names are listed at the top of each page in alphabetical order.
2. Locate the type of engine you have by using the Engine Index at the beginning of each section. Confirm your engine details by comparing the engine description, displacement, cylinder configuration and year information. Once you have found the engine you are looking for, note the corresponding Group number.
3. Turn to the group number for the selection of parts available. The Group number will appear at the top of the relevant group.

The following is a guide to the technical data provided in the catalog:

1. Engine Set No./Sizes Available

This lists the set numbers for the various types of bearing sets and sizes available. Any comments relating to these sets are positioned above the technical data for that set.

2. Type and Location

This gives the type of bearing set, and when relevant the position or location of each bearing shell or bush in the engine. These are numbered from the front (no. 1) to the rear.

3. Standard Shaft Size

Minimum and Maximum dimensional information supplied in metric and imperial format. Note for thrustwashers this refers to the inside diameter of the washer.

4. Housing Bore

Minimum and Maximum dimensional information supplied in metric and imperial format. Note for thrustwashers this refers to the outside diameter of the washer.

5. Max. Bearing Thickness

Maximum wall thickness of the bearing supplied in metric and imperial format.

6. Max. Overall Length

Maximum dimensional information supplied in metric and imperial format. Note for thrustwashers this refers to the thickness of the washer.

7. Material Code

Refer to the following bearing materials section for a description of the various material codes.

8. Bearing Shell No.

Bearing shell numbers applicable to the pairs or bushes. For half bearings shells, the letters below the shell number indicate the type of half:

UL = indicates a pair of shells with different upper and lower halves.

IH = indicates a pair of shells with identical upper and lower halves.

U = indicates the shell is only used in the upper position.

L = indicates the shell is only used in the lower position.

BEARING FEATURES

Bearing materials

Bearing materials are made from multi-layered materials. Typically these feature:

- A steel backing – to provide supporting strength for the lining and to ensure a good fit in the housing.
- One or more lining layers – to provide the bearing with good fatigue strength as well as good anti-seizure properties.

Lining materials for crankshaft bearings can be divided into 3 types:

1. Babbitt (Whitemetal)

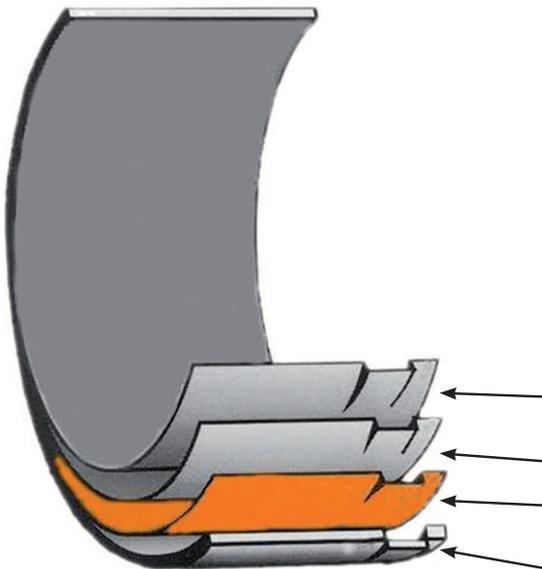
Lead or Tin based alloys, these are soft, forgiving and provide excellent embedability of contaminants. However load capacity is low, so they are usually reserved for early model engines and low load applications requiring great seizure resistance. They are commonly used for camshaft bearing sets. ACL examples are F1 and F23.

2. Copper-lead (Tri-Metal)

These are leaded bronze alloys, and are strong and adaptable. They are suitable for a broad range of applications including highly load engines. For crankshaft bearings this lining is combined with a softer electroplated lead based overlay to give the bearing better conformability and anti-seizure properties. ACL F780 (Duraglide), F781 (Race).

3. Aluminum-tin (Bi-Metal)

Aluminum based alloys are tough and durable. They possess excellent load capacity for intermediate duty and are suitable for modern passenger vehicle engines. ACL F817, F820, F810 (Aluglide).



MATERIAL CODE	
F1 (Whitemetal)	= Cast whitemetal, tin based, steel backed. NOMINAL COMPOSITION: 89% Tin, 7.5% Antimony, 3.5% Copper
F23 (Whitemetal)	= Cast whitemetal, lead based, steel backed. NOMINAL COMPOSITION: 84% Lead, 15% Antimony, 1% Tin
F100	= Sintered copper lead, unplated, steel backed. NOMINAL COMPOSITION: 80% Copper, 10% Tin, 10% Lead
F147	= Rolled aluminum-tin, steel backed. NOMINAL COMPOSITION: 91% Aluminum, 6% Tin, 1.5% Silicon, 1% Copper, 0.5% Nickel
F250	= Sintered copper lead, unplated, steel backed. NOMINAL COMPOSITION: 74% Copper, 23% Lead, 3% Tin
F780 (Tri-Metal)	= Sintered copper lead, lead plated, steel backed. NOMINAL COMPOSITION: 74% Copper, 24% Lead, 2% Tin
F781 (Tri-Metal)	= Sintered copper lead, high strength lead plated, high strength steel backed. NOMINAL COMPOSITION: 74% Copper, 24% Lead, 2% Tin
F810 (Alutin)	= Rolled aluminum-tin-silicon, steel backed. NOMINAL COMPOSITION: 87% Aluminum, 9% Tin, 3% Silicon, 1% Copper
F820 (Alutin)	= Rolled aluminum-tin, steel backed. NOMINAL COMPOSITION: 79% Aluminum, 20% Tin, 1% Copper
F830 (Alutin)	= Rolled aluminum-tin, steel backed. NOMINAL COMPOSITION: 69% Aluminum, 30% Tin, 1% Copper
F817 (Alutin)	= Rolled aluminum-tin, steel backed. NOMINAL COMPOSITION: 80% Aluminum, 17% Tin, 1% Copper, 2% Lead

The tri-metal material F781 has the same composition as F780 but is heat treated to provide properties suited to highest performance applications. F781 is used for conrod bearings in ACL Race Series range.

Benefits of multi layer bearings

The following diagram highlights the benefits of multi-layer bearings. The bearing in this example is a tri-metal bearing:

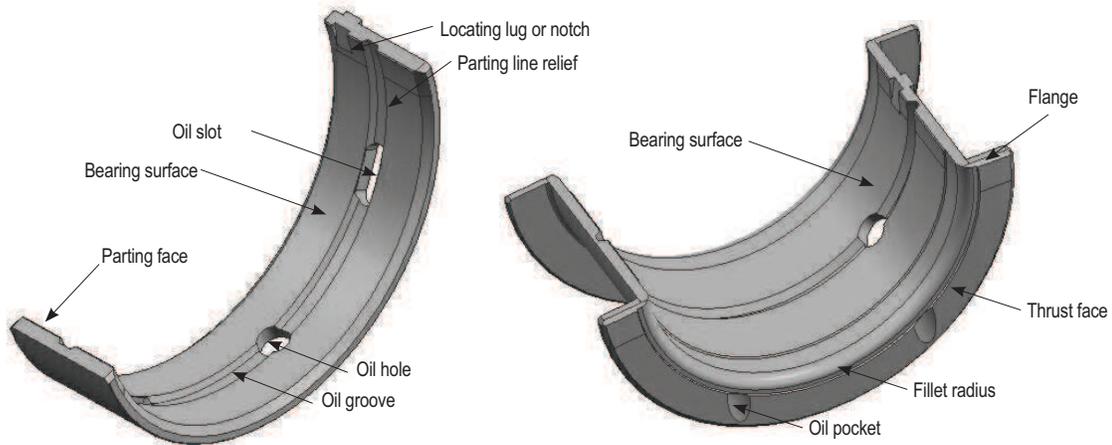
Layer	Alloy (Typical)	Thickness	Contribution
Overlay	Lead-Tin-Copper	0.013mm - 0.018mm	Seizure resistance - Low friction & deformable
Barrier	Nickel	0.001mm	Separation layer
Lining	Copper-Lead-Tin	0.3mm	Fatigue strength - Strong yet deformable
Steel	SAE1010 (High Tensile)	Remaining	High Strength - supports bearing lining

Comparison between Tri-metal and Bi-metal Bearings

Bearing Type Characteristic	Duraglide F780	Aluglide F810
<p>Strength Ability to assume prolonged, high fatigue loads.</p>	<p>Babbitt overlay (<20HV) is supported by a strong copper lead alloy (>50HV) in turn supported by the steel backing. Strength is high as long as the overlay is thin (<.020mm).</p>	<p>Strength is engineered through targeted alloying and modification of the Aluminum structure particularly with the addition of Silicon (from 45 to 55HV). No overlay means that the load is taken directly by the alloy and transmitted through to the steel.</p>
<p>Anti-Seizure Conformability Ability to adapt to assembly and misalignment errors.</p>	<p>Very soft Babbitt overlay readily adapts. Copper lead alloy has moderate conformability and helps to adapt where shape errors are significant.</p>	<p>Alloy composition, casting and heat treatment methods develop exceptional toughness. This enables the alloy to conform without detriment to strength.</p>
<p>Compatibility Ability to accommodate shaft to bearing contact through thin oil films.</p>	<p>Crankshaft journal finish is the dominant factor. Contact with the surface results in adaptation through wear of the Babbitt layer with no damage to the shaft.</p>	<p>Bearing and shaft interact beneficially. Extra fine silicon particles at the bearing surface act as a mild polishing agent that can lessen shaft surface roughness. System adapts to maintain oil film integrity. This is particularly effective when running against cast iron shafts.</p>
<p>Emergency Running Ability to continue operation during temporary oil film breakdown.</p>	<p>The lead in the Babbitt and copper-lead alloy has natural lubricity and can function as a dry lubricant. The low melting point on the alloy also allows it to provide a temporary liquid lubricant.</p>	<p>The tin phase of the alloy provides lubricity and low melting point liquid lubrication but is not as effective as lead.</p>
<p>Anti-Wear Resistance to abrasion by shaft and dirt.</p>	<p>Babbitt alloys are prone to wear (see above), however the alloy composition is carefully controlled to optimise the strengthening effects of copper and minimising the wear potential.</p>	<p>The relatively harder surface of the aluminum alloy has substantially reduced wear. Combined with shaft interaction (see above), which minimises shaft abrasion, wear becomes insignificant.</p>
<p>Embeddability</p>	<p>The soft Babbitt readily absorbs all kinds of dirt particles up to 0.015mm without damage. Larger particles are not accommodated so well by the underlying layers.</p>	<p>As the aluminum alloy is substantially softer than shaft materials, hard particles of all sizes will embed in the bearing rather than score the shaft. The toughness of the alloy ensures the localised deformation does not compromise strength.</p>
<p>Anti-Corrosion</p>	<p>Tin content in the alloys gives the lead partial protection from attack. If the bearing is worn to the copper-lead layer, resistance is minimal.</p>	<p>Aluminum tin base alloys are essentially inert to known contaminants.</p>
<p>Applications</p>	<p>Duraglide bearings provide a high combination of high strength and the ability to withstand harsh and demanding operating conditions. This makes them ideal for performance and race engines and rebuilds.</p>	<p>Aluglide bearings provide a combination of moderate to high strength, good seizure resistance and excellent wear resistance. These bearings are ideally suited to general purpose applications (passenger cars and light commercial vehicles) where reliability and long service intervals are desirable. Aluglide bearings are highly preferred in modern import engines that have been designed for aluminum based bearings as OE standard fitment.</p>

BEARING DESIGN FEATURES

The following will give a better understanding of the terminology and features of a bearing and their intended functions.



Wall Thickness

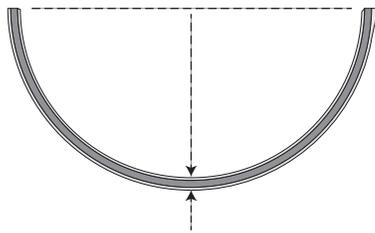
The wall thickness quoted in catalogs and workshop manuals refers to the thickness at the crown of the bearing. This value is also used to calculate the vertical clearance of the bearing assembly.

The correct wall thickness is critical for the correct clearance, which is critical to the performance of the bearing system. It ensures:

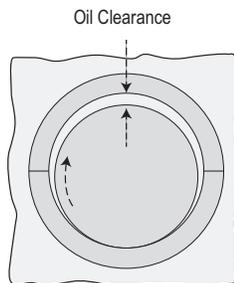
- Good oil supply which ensures high pressure oil film generation for better load support and increased durability.
- Predictable engine oil pressure and flow rates to ensure constant supply throughout the engine and adequate bearing cooling under all operating conditions.

Typical wall size tolerance ranges:

- Regular aftermarket 0.008 – 0.013mm / .0003 - .0005"
- ACL Race Series 0.008mm / 0.0003"



Thickness at crown of bearing



Vertical Oil Clearance

Eccentricity

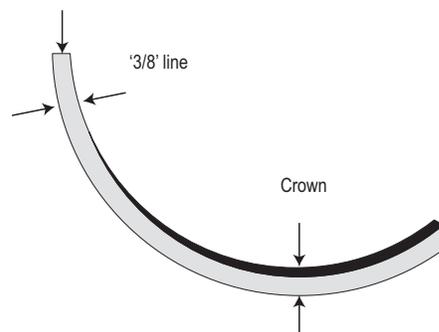
Most bearings are manufactured with an eccentric wall as shown in the following figure. This means the wall thickness gradually becomes thinner from the crown of the bearing to a lesser amount at a specified distance from the parting line, usually 9.5mm and hence is often called the '3/8' line.

This slight eccentricity built into the bearing wall assists in the formation of the hydrodynamic oil film, or the oil film required under the loaded area of the bearing. It also compensates for bore distortions under load by providing a greater horizontal clearance than vertical, allowing the bore to distort without pinching the bearing at the sides. The eccentricity allows for smaller vertical clearances while still permitting adequate oil flow in the clearance space for cooling purposes.

As a result of the eccentric wall it is important that wall size measurements are always taken at the crown of the bearing, readings taken elsewhere will be less depending on the degree of eccentricity. Typical values for eccentricity can be:

- 0.000 – 0.008mm / .000 - .0003" for rigid housings.
- 0.010 – 0.020mm / .0004 - .0008" for most current bearings
- 0.015 – 0.025mm / .0006 - .0010" for high performance (ACL Race Series)

Parting line



Bearing Crush (or Press fit)

Crush is essential for bearing retention and creates a radial pressure which holds the bearing inserts tightly in the housing after assembly.

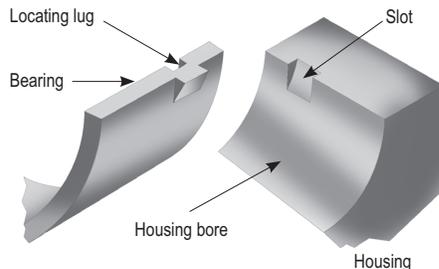
Crush is applied to half bearings by making each half slightly greater in circumferential length than an exact half circle, so in effect the bearing parting line will sit slightly higher than the bearing seat. When two half bearings are paired and assembled into their housings, the tightening of the cap bolts will produce the controlled and uniform radial pressure which has two important functions:

- Provides bearing retention in the housing, preventing turning or creep.
- It ensures intimate contact between the back of the bearing and the bore of the housing, allowing heat dissipation through thermal transfer during operation of the engine.

During manufacture bearings are checked in a special gauging fixture in the factory, these fixtures are specific to the OD of the bearing.

For further explanation of crush and retention of the bearings refer to the following article on notchless bearings.

Locating Devices



This image shows the most common bearing location device. The lug or notch enters a machined notchway in the housing, providing an endwise locating guide. The notch is not intended provide bearing retention and will not prevent rotation of the insert. See the separate article on notchless bearings for a full explanation of this.

Another locating device not commonly used are dowel pins. These will most commonly be located at the center of the housing and require a hole in the crown of the upper half bearing.

Parting Line Relief

A small relief is usually incorporated at the parting line of bearing inserts. The purpose of this is to compensate for any distortion at the parting line resulting from the crush. It also blends the running surface between the two halves and compensates for any mismatch at assembly. A small chamfer is also placed on the inside corner of the parting line, removing any chance a square corner could act as a scraper during operation.

Bearing Free Spread

Most main and conrod bearings are manufactured with positive free spread. This means the distance across the outside of the parting edges of the bearing is slightly greater than the bore of the housing. This assists holding the bearing half in place in the housing during assembly operations.

Oil Grooves

Main bearings are usually provided with a circumferential groove, for the transfer of oil to the camshaft and conrod bearings. Conrod bearings are usually not grooved, as grooving reduces the effective bearing area and breaks up the surface into smaller areas which act independently. Hence the size and number of grooves is kept to a minimum.

There are three main configurations for grooves:

- Fully grooved (360°), upper and lower both fully grooved – this will supply a continuous flow of oil to the conrod bearing.
- Half grooved (180°), upper fully grooved and lower plain – oil will only flow to the conrod during half of the rotation. Suitable for general application.
- Three quarter grooved (about 270°), upper fully grooved and lower partially grooved, this provides a compromise between the first two types and is suitable for high performance applications. This will maximize the bearing area in the higher loaded areas of the lower bearing but still provide better oil flow than half grooved assemblies. The tapered run-out of the partial groove will also smooth the oil supply cut off, avoiding pressure pulsing and cavitation.

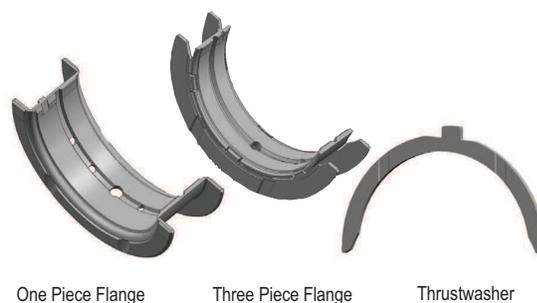
Oil Holes

Many bearings receive their oil supply through holes drilled in the crank-case, so the bearing will have a matching hole so the oil can flow through to the clearance gap between the bearing and shaft. Some bearings will have an oil hole to provide flow to other areas in the engine. If there is an oil groove the oil holes will normally be in line with the groove. It is important to ensure when replacing bearings that the oil holes match correctly.

Thrust Bearings

There are 3 distinct types of thrust bearings design:

1. Single Piece
 - Thrust bearing is formed from the same piece of material as the shell bearing forming a rigid thrust bearing.
2. Three-Piece
 - The thrust bearing is made up of a shell bearing and two thrustwashers which are then attached to the shell bearing. The joints allow the thrust faces to float but still remain attached, so there is no stress on the fillet as in the one piece flange.
3. Separate Components
 - All components are made separately and fitted individually.



Bearings With no Locating Notch

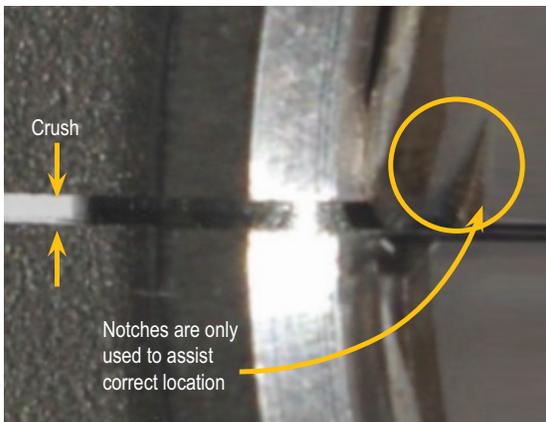
There are a number of bearings sets for late model engine applications which contain bearings with no locating notch (lug). This design is usually specified by the OEM engine manufacturer, and is in line with the current OEM design practice of eliminating this feature on bearings.

Most of the major OEM Manufacturers have specified this design on some of their engines. This 'notchless' design can be used in place of the previous notched bearings, where there has been a change to the new design, later in an engine series.

For OEMs that have the luxury of automated engine assembly, the notch has become a redundant feature. However, when assembling an engine featuring notchless bearings by hand, greater attention needs to be paid to bearing alignment and orientation.

Without the aid of notches, the engine rebuilder needs to ensure that bearings are:

1. located centrally in their housings
2. located with upper and lower shells in the correct orientation
3. bearing pairs are aligned
4. grooves and oil holes are in line with oil feed galleries.

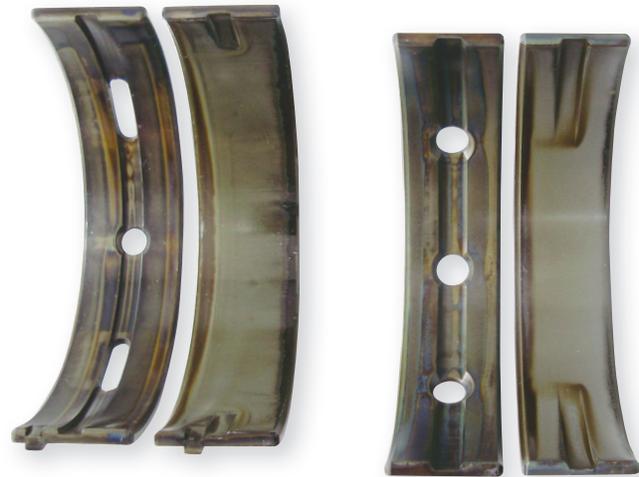


Bearing Retention

When confronted with notchless bearings some engine builders have expressed a concern that without the notch a bearing pair has greater freedom to move or 'spin' during use.

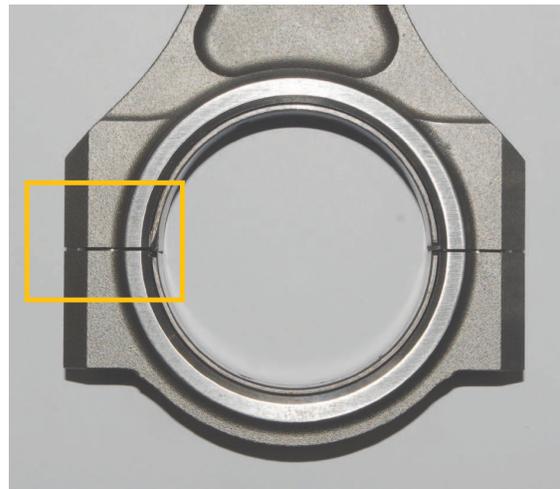
This is not the case as a notch is a **fitment/location guide** only and does not assist bearing retention.

It is the bearing **crush** which ensures that the bearings are held tightly in the housing. Once the bolts are torqued this sets up radial pressure in the housing binding the bearings in place.

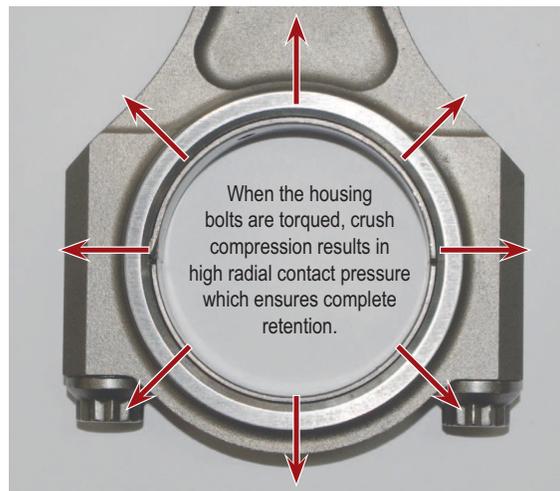


Notched bearing pair

Notchless bearing pair



Bearing and Housing Assembly before Bolt Fitment



Bearing and Housing Assembly after Bolts are torqued

FITTING INSTRUCTIONS

To ensure a satisfactory bearing life, there are certain simple but necessary rules which must be closely observed. Since extreme accuracy is built into precision insert bearings, they must not be filed, scraped or machined in any way.

They are machined to tolerances as fine as 0.004mm (0.00015") and cannot be improved upon by any hand work, however skilful it may be. Follow this procedure for a satisfactory bearing assembly.

1. Dismantle

Before dismantling the old bearings, mark the bearing housings for reassembly identification – the caps must be reassembled exactly as removed.

2. Inspect

Remove the crankshaft and bearings for careful assessment of the extent of wear or other damage. If either the crankshaft journal or bearing tunnel sizes are found to be outside the dimensions shown in this catalog, re-machining is recommended. If the used bearings exhibit signs of damage due to poor engine conditions, the source of these problems must be identified and rectified to eliminate further problems. Common faults that can be highlighted by the old bearings include bent or twisted connecting rods, bent crankshafts, misaligned tunnel bores, poor journal surface finish, insufficient or excessive nip, poor tunnel seats, mixed or reversed caps, etc.

3. Clean

Careful cleaning of the engine block and all components must be undertaken to be sure of a successful bearing replacement. By far the best way is to remove all gallery plugs and allow the dis-assembled engine to soak in an agitated chemical bath (iron and aluminum-alloy components require different chemical cleaners). In this way, all sludge and dirt accumulations are removed. If chemical cleaning facilities are unavailable, a less thorough, and therefore less desirable method, is to remove gallery plugs and then remove all visible dirt and wash down with a solvent such as Kerosene. It is imperative to ensure that the entire lubrication system is completely clean and free of obstructions.

4. Check dimensions

- a) Always accurately measure all journals, conrod and main tunnels prior to assembly to be sure they are within the required tolerances, particularly if any resizing is to be performed. Remember, the bore of the assembled bearing can only be as accurate as the housing into which it is fitted.
- b) Check that replacement bearings are correct in all detail to the bearings removed i.e. oil holes, grooves, and locating notch.

5. Check crush

It is good practise to check for crush at assembly.

The procedure for this operation is:

- i. Assemble the pair of bearings in their housing and tighten the bolts to the recommended torque figure.

- ii. Release one bolt, and the joint face will open to the extent of the crush. Measure the crush by selecting a feeler gauge that neatly fits this gap. The value of the crush measured should be 0.075 – 0.150mm (.003 - .006").

6. Check oil clearance

With tunnel sizes correct to specification and shaft journals unworn or correctly ground undersize, ACL finished-to-size bearings will provide a correct operating clearance which can be quickly confirmed on assembly with the use of Flexigauge.

Where any doubt exists, or in special cases, oil clearance should be checked by accurately measuring and writing down each journal diameter and then subtracting this from the corresponding internal bearing diameters that were noted when checking the amount of nip or crush. The difference between the two diameters represents the vertical oil clearance and this must fall within the desired clearance range. Where recommended oil clearances are unknown, our normal recommendations are as follows:

0.019 – 0.025mm / .00075 - .001" of clearance per inch of journal diameter.

For example, given a 76.2mm/3"shaft, the clearance recommendation would be:

0.057 – 0.075mm / .00225 - .003"

These are valid for normal passenger light vehicle applications.

For high performance modified applications it is recommended to add at least 0.013mm/.0005" to the clearance figure.

7. Assemble

Assemble the bearing shells with the **SHELL BACKS AND THE HOUSING SEATS PERFECTLY DRY**, but apply a liberal coating of heavy oil between the surface of the bearing and the shaft. Apply a light tension on all the bolts before finally tightening them evenly to the vehicle manufacturer's specified tension.

8. Check end float (thrust clearance)

The recommended end float clearance differs from engine to engine although the following table provides a good guide. It is advisable to check thrust clearances at both thrust faces to ensure an accurate measurement.

Journal Diameter	Recommended Clearance
50 – 70mm / 2.000 - 2.750"	0.10 – 0.15mm/.004 - .006"
70 – 90mm / 2.750 – 3.500"	0.15 – 0.20mm/.006 - .008"
90mm up / 3.500" up	0.15 – 0.25mm/.006 - .010"

Copper-Lead thrust bearings should be given a slightly higher clearance than bi-metal thrusts and hard working engines should have a bit more than normal duty engines, but always within the recommended figures shown.

Some thrustwasher sets and flanged mains are available in an oversize, this is normally noted in the part listing. Contact your distributor or ACL if this is not clear.

WARNING: DO NOT ATTEMPT TO ROTATE THE CRANKSHAFT UNTIL ALL BOLTS ARE FULLY TENSIONED.



FLEXIGAUGE

Flexigauge is precision manufactured plastic strip, and can be used to check the clearance of connecting rod and main bearings where there is no access to traditional measuring equipment such as micrometers. It is available in four sizes, and is suitable for Automotive, Marine and Industrial applications.

The four sizes available together can cover clearances ranging from .001" to .016", or .025mm to .406mm, sizes are as follows:

Reference	Clearance range:
AG-1 - (RG-1) (Green Pack)	.001 - .003in or .025 - .076mm
AR-1 - (RR-1) (Red Pack)	.002 - .006in or .050 - .150mm
AB-1 - (RB-1) (Blue Pack)	.004 - .009in or .10 - .23mm
AY-1 - (RY-1) (Yellow Pack)	.008 - .016in or .203 - .406mm

Flexigauge strips – 12" long – are packed in individual envelopes, which are marked in appropriate graduations – one side in thousandths of an inch and the other in millimeters. Ten strips in their envelopes are packed in their appropriate colored carton.

Directions for use, which are printed on the outside of each carton for easy reference, are as follows:

1. Remove the bearing cap, wipe the journal and bearing shell clear of oil.
2. Place a piece of Flexigauge across the bearing at the crown.
3. Install the bearing cap and using a Torque Wrench tighten the bolts to the correct tension.

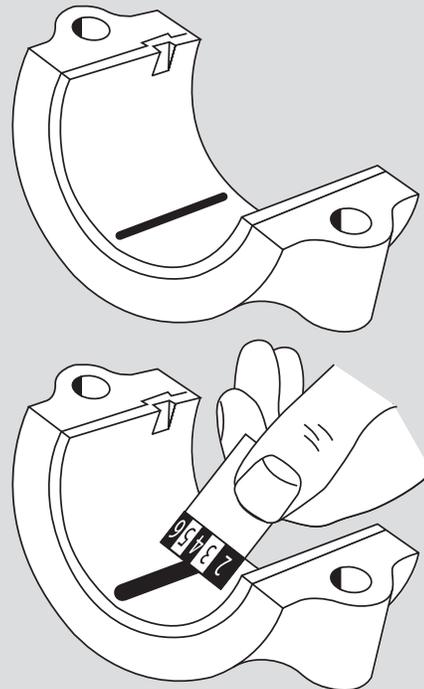
DO NOT ROTATE THE SHAFT OR BEARINGS.

4. Remove the bearing cap. The Flexigauge will stay on either the bearing or the shaft.
5. Compare the width of the flattened Flexigauge with the graduation on the envelope. The figure within the graduations indicates the clearance in thousandths of an inch or millimeters, depending on which side of the envelope is used.
6. Taper is indicated when the Flexigauge is wider at one end than the other, the amount of taper is equal to the difference in the two readings. The widest part of the Flexigauge represents the area with the least clearance. 'Barrelling' of the shaft is present when the Flexigauge is wider in the center of the bearing.

PRECAUTION

When checking main bearings, with the CAP supporting the crankshaft, the weight of the crankshaft and flywheel must be taken off the bearing caps to avoid inaccurate results. This can be done, for example, by 'jacking' on the crankshaft balance weight.

Main and connecting rod bearing clearances should be checked on the area of least journal wear. Main bearing checks should be made with the adjacent crankpin situated about 30 degrees after bottom dead center.





RACE SERIES

PERFORMANCE ENGINE BEARINGS

If you place demands on your engine you must demand the best!

High performance driving demands that you use the best parts. So rely on ACL's Race Series performance engine bearings to perform to exacting race standards you expect. They provide the dependability it takes to hold up under higher RPM conditions. The unique combination of design, metallurgy and engineering come together to deliver what drivers expect from high performance trimetal bearings. These Race Series performance engine bearings go the distance.

So, if you're looking for the best result, demand the best - demand ACL Race Series performance engine bearings.

FEATURES OF ACL RACE SERIES PERFORMANCE ENGINE BEARINGS

Precision Manufacturing

ACL Race Series performance engine bearings are manufactured to exacting tolerances with particular attention paid to wall thickness accuracy. This ensures reliable fit and helps maintain consistent clearances.

Bearing Material Enhancements

A blend of characteristics to provide high strength and excellent seizure resistance.

No flash plating is applied to further improve bearing retention and maximize heat transfer.

ACL Race Series performance engine bearings are identified from the standard range by the following suffixes:

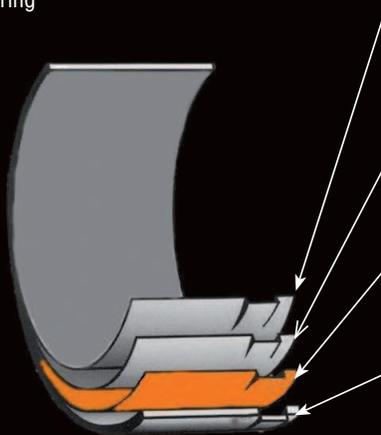
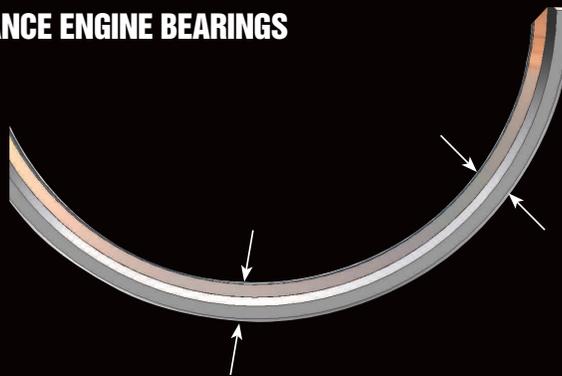
H = ACL Race Series.

HX = ACL Race Series with 0.025mm (0.001") extra clearance.

HD = ACL Race Series with location dowel holes.*

HXD = ACL Race Series with 0.025mm (0.001") extra clearance and location dowel holes.*

*Connecting rod bearing applications only.



LAYER	ALLOY
Overlay	Lead-Tin-Copper
THICKNESS (Typical)	0.013mm* 0.018mm
*Connecting Rod Bearings Only - Reduced for increased fatigue resistance	
Seizure resistant - Low friction and deformable	
Barrier	Nickel
THICKNESS (Typical)	0.0001mm
Separation Layer	
Lining	Copper-Lead-Tin
THICKNESS (Typical)	0.3mm
Fatigue Strength - Strong yet deformable	
Steel	SAE1010 (High tensile)
THICKNESS (Typical)	Rem
High Strength - supports bearing lining	

AUSTRALIAN ENGINEERING EXCELLENCE

Bearing Design Enhancements

Crush increased for:

Improved bearing retention from higher radial contact pressure. Locks the bearing into the housing.

More effective heat dissipation through improved thermal transfer.

Bearing Eccentricity

Definition: Gradual reduction in wall thickness between the crown and parting line.

Race Series performance engine bearings feature increased eccentricity to increase improve shape adaptation to compensate for bore distortion at high speed operation.

Assists in the formation of hydrodynamic oil film.

Main Bearings with Extended Grooves

Full (180°) grooved uppers with matching partial groove in lowers.

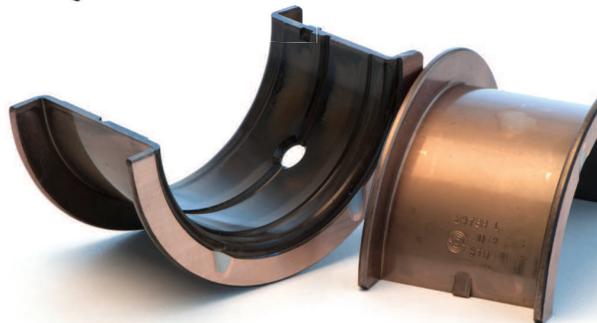
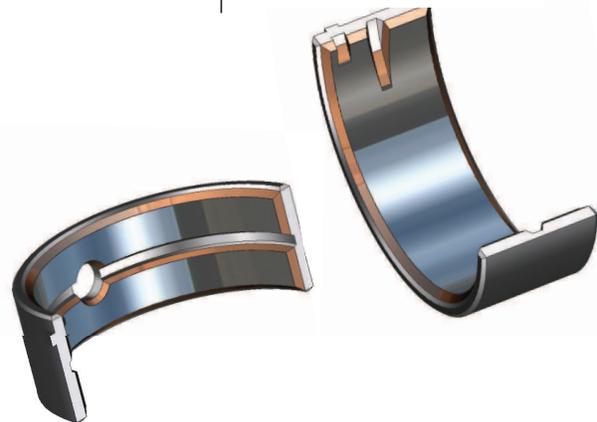
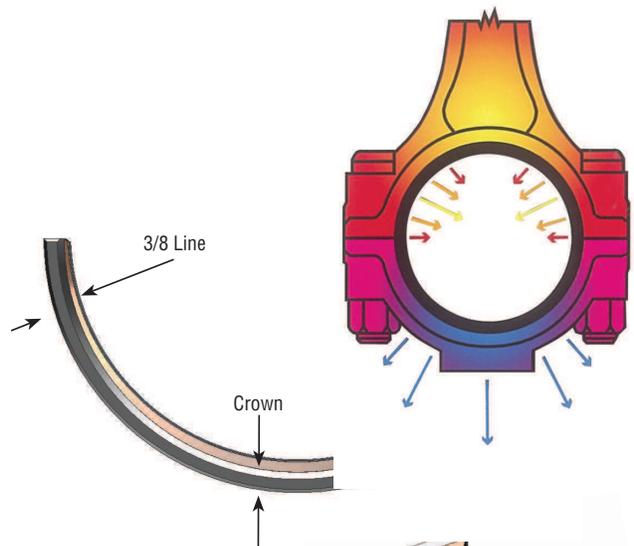
- Reduces interruption to big end oil supply.

Tapered groove run-out.

- Smooths big end supply cut-off avoiding pressure pulsing and cavitation.

Enlarged ID Chamfers

Accommodate larger fillet radii on performance crankshafts.





RACE BEARINGS

PERFORMANCE ENGINE BEARINGS

ACL Race Series – General Information

Set Numbering

ACL Race Series bearing set numbers carry an 'H' after the set number e.g. 8B663H-Std.

There are also sets available with the 'HX' designation e.g. 8B663HX-Std, the 'X' showing the set has .001" (.025mm) additional oil clearance than an H-Std set. This means the wall size of these HX-STD bearings is .0005" (.013mm) thinner than the H-Std, in all other ways the HX is identical to the H-Std set.

Similarly there are some selected sets (Chev and Ford V8) that are manufactured to 009 and 011 undersizes, e.g. 8B663H-009 and 8B663H-011.

There are also selected con rod bearing sets that are manufactured with a dowel hole in the lower shell, to suit a dowel location in the con rod cap. These are designated with a 'D' in the set numbering e.g. 8B663HD-Std or 8B663HXD-Std.

Appearance:

Questions about the appearance of the RACE Series bearings are quite common, as this series of trimetal copper lead bearings have a very different appearance to regular aftermarket "ACL Duraglide" trimetal bearings, which have a light silver /grey appearance.

The RACE Series performance bearings as manufactured, have an appearance that is a dark tarnished coloration, which can vary from dark black/brown/blue colors. This color comes from the electroplating which is the last manufacturing process. The electroplated overlay has copper as one part of its composition, which tarnishes to the dark colors described above. This tarnish coloration has negligible thickness, so once installed in the engine, the crankshaft journal contacting the bearing, will polish the bearing surface, removing the surface color and leaving the bearings with a polished silver appearance.

Performance bearings do not start out with the silver grey appearance of regular aftermarket bearings, as there is no final silvery tin flash applied to these bearings. Not applying a silvery tin flash to these high performance bearings is a specific design feature. A silvery tin flash for appearance and long term corrosion protection, as applied to the regular aftermarket bearings, can under high loading and heat, move, with the plate migrating and causing high spots on the back of the shells, and distorting the bearing. For this reason the ACL RACE Series performance bearings do not have a cosmetic silvery tin flash applied, so there is no risk of any overlay plate

movement on the backs of the shells, giving better bearing to housing contact and better bearing performance and function.

ACL Race Series Bearings and Graded OE Bearings

Most OE (original equipment) engines are assembled at the factory with graded bearings (i.e. bearings with slightly different wall thicknesses between each grade). At the OE factory bearing housings and crankshaft journals are also graded, and the combination of housing and journal sizes will determine which bearing grade (or combination of grades) will be used in the assembly. For the aftermarket, most Bearing Manufacturers supply a single grade of bearing in set form.

The theoretical oil clearance range for single grade bearings will be slightly greater than the OE specifications, but the actual oil clearance is dependent on not only the bearing wall thickness, but also on the housing and journal sizes, and material used in the engine e.g. cast iron blocks vs aluminum alloy blocks.

ACL RACE Series bearings are manufactured for high performance engine applications, where the engine output will be higher than the normal OE output. This means that engine components at these higher outputs will be subject to more stress and distortion than would apply to the standard engine, and not all components will be machined to the fine tolerances achieved at the OE factory. This all leads to a requirement to slightly increase oil clearances above the OE specifications. Oil flow through the bearings to cool the component is also important for long life and a slight increase in oil clearance will improve oil flow and the subsequent effect on cooling. The OE engines will be manufactured to very tight tolerance, and all components are measured in "clinical" conditions with highly accurate measuring equipment. Out in service workshops technicians do not have equivalent equipment or conditions to work in, and the grading on housings and crankshaft journals will also probably be different than when they were first produced at the OE factory, due to minor wear etc. So this can all lead to clearances that may be outside the OE specifications, even if the bearings are replaced with those of the same grade as originally fitted. One of the main reasons for the OE engines being built to very tight tolerances is for NVH (Noise, Vibration, Harshness). Most performance engines will be fitted with performance exhaust systems, rev higher etc. meaning OE NVH specifications will be exceeded.

Even the graded OE bearings will have a wall size tolerance, and together with the tolerance on the housing size and journal size means there can be a stack up of tolerances leading to a significant difference on oil clearance

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from one position to the next. The ACL Race Series bearing wall sizing for STD bearings is usually close to the middle grade as supplied OE.

The ACL RACE Series bearings also use materials with higher load carrying properties than the OE materials, and there are other design features which make them more suitable for high performance applications. Oil clearance is only one consideration in the function and life of engine bearings.

If the crankshaft is at STD size, in the vast majority of cases, the STD bearings will be suitable and give correct oil clearances. In the unlikely scenario that due to a stack up tolerances from housing, journal and bearings, being such that clearances are too tight, then there will probably be extra clearance bearings available (HX-STD) to increase oil clearance, and if oil clearance is too high then there are H-001" or H-.025mm bearings available to reduce oil clearance.

Some High Performance engine Builders will use a combination of H-STD and HX-STD bearings or H-STD and H-001" or H-.025mm to get specific oil clearances that they may be looking for, to suit specific applications (i.e. oil clearances for a street engine will be different to a drag racing engine). Refer to the following section for further explanation of this.

Select Fitting of ACL Race Series Bearings

It is common practise to adjust oil clearances by mixing bearings of adjacent grades i.e. HX-STD with H-STD or H-STD with H-001" or H-.025, to obtain desired oil clearance. Using the HX-STD with H-STD will give .0005" (0.013mm) additional clearance than using two H-STD shells, and similarly using H-STD and H-001" will reduce clearance .0005" (0.013mm). Bearing shells with wall size .0005" (0.013mm) or less can be assembled

on one journal. The thicker wall size bearing is fitted to the most heavily loaded position i.e. the upper half con rod shell and the lower half or cap position main bearing.

When using a crankshaft that is to be reground to an undersize, first measure the assembled bearing ID's, then have the required journal sizes ground to match the bearing measurements, with the desired oil clearance.

Installation of ACL Race Series bearings – Oil Clearances

Oil clearances are most accurately measured using micrometers and bore gauges. Bearing wall thickness measurements are taken at 90 degrees to the parting line (i.e. at the crown of the bearing) using a micrometer with a ball anvil, for use on the curved ID of the bearing.

Vertical oil clearance is best measured by assembling the bearing in its housing, with bolts torqued to specification, then using a bore gauge measure the assembled ID of the bearings at 90 degrees to the parting faces. The mating crankshaft journal size is measured, and subtracting this measurement from the bearing ID bore size, gives the assembled oil clearance.

ACL RACE bearings can be assembled with .00075-.001" per 1" of journal diameter (0.020-0.025mm per 25mm of journal diameter) plus .0005" (0.013mm).

As an example for a 2.000" (50mm) journal diameter, $2.000 \times .001 = .002 + .0005 = .0025$ (50/25 x 0.025 = 0.050 + .013 = 0.063 mm)

Bearings should not be polished with abrasive pads or paper, on the bearing surface, to change the oil clearance.



REALITY CHECK.



Look closely and you'll see the ACL logo stamped into the backs of all our performance bearings. Thus, designating them as our authentic Race Series brand.

Essentially, that symbol identifies them as providing optimum performance, endurance and durability required for high RPM engines. Race Series bearings are available for numerous American, Asian and European engines, and in a variety of sizes.

Our web site provides detailed information.



RACE SERIES

PERFORMANCE ENGINE BEARINGS



ALPHABETICAL LISTING BY MAKE

MAKE	page from	to
Acura		go to Honda
Alfa Romeo	1	18
American Motors	19	21
Audi	22	97
Austin		go to Leyland
Bedford	98	102
BMW	103	118
Buick		go to General Motors
Cadillac		go to General Motors
Chrysler	119	132
Citroen	133	135
Commer	136	137
Daewoo	138	140
Daihatsu	141	148
Dodge		go to Chrysler
Fiat	149	183
Ford	184	256
General Motors	257	294
Holden	295	314
Honda	315	338
HSV	339	341
Hyundai	342	348
Infiniti		go to Nissan
Isuzu	349	379
Jaguar	380	382
Jeep	383	390
Kia	391	395
Lancia	396	413
Land Rover	414	419
Lexus		go to Toyota
Leyland	420	429
Lincoln		go to Ford
Mazda	430	452
Mercedes Benz	453	478



ALPHABETICAL LISTING BY MAKE

MAKE	page from	to
Mercury		go to Ford
MG		go to Leyland
Mini	479	480
Mitsubishi	481	515
Morris		go to Leyland
Nissan	516	565
Oldsmobile		go to General Motors
Opel	566	581
Peugeot	582	611
Pontiac		go to General Motors
Porsche	612	613
Renault	614	634
Rover	635	641
Saab	642	645
Saturn		go to General Motors
Scion		go to Toyota
Seat		go to Volkswagen
Skoda	646	647
Smart	648	649
Ssangyong	650	651
Subaru	652	664
Suzuki	665	671
Toyota	672	739
Triumph/Standard	740	742
Vauxhall	743	745
Volkswagen	746	883
Volvo	884	894



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AR30102 1186cc Flat4 SOHC 2v	06/1972 - 12/1986	H4	1186	72	9
AR30102S 1186cc Flat4 SOHC 2v	03/1980 - 09/1984	H4	1186	72	9
AR30104 1186cc Flat4 SOHC 2v	11/1973 - 09/1984	H4	1186	72	9
AR30500 1186cc Flat4 SOHC 2v	06/1983 - 03/1988	H4	1186	72	9
AR30585 1186cc Flat4 SOHC 2v	06/1983 - 12/1989	H4	1186	72	9
AR30743 1186cc Flat4 SOHC 2v	01/1990 - 08/1991	H4	1186	72	9
AR31000 1186cc Flat4 SOHC 2v	09/1983 - 12/1986	H4	1186	72	9
AR30184 1286cc Flat4 SOHC 2v	09/1976 - 09/1984	H4	1286	78	9
AR31000 1286cc Flat4 SOHC 2v	01/1978 - 02/1980	H4	1286	78	9
AR00500 1290cc Inline4 DOHC 2v	01/1955 - 12/1962	L4	1290	78	2
AR00501 1290cc Inline4 DOHC 2v	01/1954 - 12/1962	L4	1290	78	2
AR00502 1290cc Inline4 DOHC 2v	01/1957 - 12/1962	L4	1290	78	2
AR00504 1290cc Inline4 DOHC 2v	01/1958 - 12/1983	L4	1290	78	2
AR00508 1290cc Inline4 DOHC 2v	01/1961 - 12/1962	L4	1290	78	2
AR00510 1290cc Inline4 DOHC 2v	01/1956 - 12/1962	L4	1290	78	2
AR00514 1290cc Inline4 DOHC 2v	01/1958 - 12/1961	L4	1290	78	2
AR00530 1290cc Inline4 DOHC 2v	01/1966 - 12/1978	L4	1290	78	2
AR30100 1351cc Flat4 SOHC 2v	01/1985 - 12/1986	H4	1351	82	9
AR30160 1351cc Flat4 SOHC 2v	01/1979 - 09/1984	H4	1351	82	9
AR30164 1351cc Flat4 SOHC 2v	09/1977 - 09/1984	H4	1351	82	9
AR30168 1351cc Flat4 SOHC 2v	07/1979 - 12/1989	H4	1351	82	9
AR30502 1351cc Flat4 SOHC 2v	05/1983 - 12/1989	H4	1351	82	9
AR30586 1351cc Flat4 SOHC 2v	06/1983 - 12/1989	H4	1351	82	9
AR30587 1351cc Flat4 SOHC 2v	01/1984 - 09/1994	H4	1351	82	9
AR30732 1351cc Flat4 SOHC 2v	01/1990 - 10/1994	H4	1351	82	9
AR30753 1351cc Flat4 SOHC 2v	06/1991 - 09/1994	H4	1351	82	9
AR30755 1351cc Flat4 SOHC 2v	07/1990 - 09/1994	H4	1351	82	9
AR31010 1351cc Flat4 SOHC 2v	03/1983 - 12/1986	H4	1351	82	9
AR33501 1351cc Flat4 SOHC 2v	07/1994 - 12/1996	H4	1351	82	9
199 A1.000 1368cc Inline4 SOHC 2v	09/2008 - On	L4	1368	83	25
199 A6.000 1368cc Inline4 DOHC 4v	09/2008 - On	L4	1368	83	25
955 A1.000 1368cc Inline4 SOHC 2v	09/2008 - On	L4	1368	83	25
AR33503 (TS) 1370cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	1370	83	10
AR38501 (TS) 1370cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	1370	83	10
AR30124 1490cc Flat4 SOHC 2v	05/1978 - 12/1989	H4	1490	90	9
AR30128 1490cc Flat4 SOHC 2v	07/1979 - 12/1989	H4	1490	90	9
AR30146 1490cc Flat4 SOHC 2v	01/1980 - 12/1989	H4	1490	90	9
AR30182 1490cc Flat4 SOHC 2v	03/1980 - 12/1993	H4	1490	90	9
AR30198 1490cc Flat4 SOHC 2v	01/1983 - 12/1989	H4	1490	90	9
AR30504 1490cc Flat4 SOHC 2v	03/1983 - 01/1988	H4	1490	90	9
AR30508 1490cc Flat4 SOHC 2v	06/1984 - 12/1989	H4	1490	90	9
AR30514 1490cc Flat4 SOHC 2v	01/1984 - 12/1989	H4	1490	90	9
AR30520 1490cc Flat4 SOHC 2v	06/1983 - 12/1989	H4	1490	90	9
AR30588 1490cc Flat4 SOHC 2v	06/1984 - 12/1989	H4	1490	90	9
AR30734 1490cc Flat4 SOHC 2v	01/1990 - 04/1993	H4	1490	90	9
AR30738 1490cc Flat4 SOHC 2v	04/1992 - 10/1994	H4	1490	90	9
AR30750 1490cc Flat4 SOHC 2v	06/1990 - 10/1994	H4	1490	90	9
AR30751 1490cc Flat4 SOHC 2v	01/1990 - 10/1994	H4	1490	90	9
AR06100 1567cc Inline4 DOHC 2v	05/1985 - 09/1989	DOHC4	1567	95	1
AR00526 1570cc Inline4 DOHC 2v	06/1964 - 12/1990	L4	1570	95	1
AR00526S 1570cc Inline4 DOHC 2v	03/1963 - 12/1977	L4	1570	95	1
AR00536 1570cc Inline4 DOHC 2v	01/1966 - 12/1979	L4	1570	95	1
AR01563 1570cc Inline4 DOHC 2v	01/1990 - 12/1993	L4	1570	95	1
AR01600 1570cc Inline4 DOHC 2v	01/1975 - 12/1984	L4	1570	95	1
AR11650 1570cc Inline4 DOHC 2v	01/1962 - On	L4	1570	95	1
AR61101 1567cc Inline4 DOHC 2v	05/1985 - 02/1992	L4	1570	95	1
AR33201 (TS) 1596cc Inline4 DOHC 4v	10/1994 - 12/1996	L4	1596	97	14
AR32101 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 09/2005	L4	1598	97	12

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AR32102 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 05/2006	L4	1598	97	12
AR32103 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 05/2006	L4	1598	97	12
AR32104 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 05/2006	L4	1598	97	12
AR37203 (TS) 1598cc Inline4 DOHC 4v	01/2001 - 03/2010	L4	1598	97	13
AR38201 (TS) 1598cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	1598	97	12
AR67601 (TS) 1598cc Inline4 DOHC 4v	05/1996 - 05/2006	L4	1598	97	12
AR30550 1712cc Flat4 SOHC 2v	01/1986 - 12/1989	H4	1712	104	9
AR30558 1712cc Flat4 SOHC 2v	10/1987 - 12/1989	H4	1712	104	9
AR30578 1712cc Flat4 SOHC 2v	04/1988 - 12/1989	H4	1712	104	9
AR30736 1712cc Flat4 SOHC 2v	01/1990 - 09/1994	H4	1712	104	9
AR30737 1712cc Flat4 SOHC 2v	01/1990 - 09/1994	H4	1712	104	9
AR30737A 1712cc Flat4 SOHC 2v	04/1992 - 09/1994	H4	1712	104	9
AR30740 1712cc Flat4 SOHC 2v	04/1992 - 10/1994	H4	1712	104	9
AR32201 (TS) 1747cc Inline4 DOHC 4v	09/1997 - 10/2005	L4	1747	106	11
AR32205 (TS) 1747cc Inline4 DOHC 4v	10/2000 - 09/2010	L4	1747	106	11
AR38401 (TS) 1747cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	1747	106	11
AR67106 (TS) 1747cc Inline4 DOHC 4v	05/1996 - 01/2001	L4	1747	106	11
AR67199 (TS) 1747cc Inline4 DOHC 4v	05/1996 - 01/2001	L4	1747	106	11
AR67103 1748cc Inline4 DOHC 2v	04/1993 - 04/1996	L4	1748	106	1
AR67105 1748cc Inline4 DOHC 2v	04/1993 - 04/1996	L4	1748	106	1
AR67402 1748cc Inline4 DOHC 2v	02/1992 - 12/1997	L4	1756	107	1
4.108 1760cc Inline4 2v Diesel	06/1976 - 12/1978	L4	1760	107	19
AR67101 1773cc Inline4 DOHC 2v	08/1989 - 12/1996	L4	1773	108	1
AR67102 1773cc Inline4 DOHC 2v	01/1992 - 12/1996	L4	1773	108	1
AR00548 1779cc Inline4 DOHC 2v	01/1967 - 12/1972	L4	1779	108	1
AR01354 1779cc Inline4 DOHC 2v Turbo	01/1984 - 12/1985	L4	1779	108	1
AR01608 1779cc Inline4 DOHC 2v	01/1974 - 12/1984	L4	1779	108	1
AR01608X 1779cc Inline4 DOHC 2v	01/1974 - 12/1977	L4	1779	108	1
AR01678 1779cc Inline4 DOHC 2v	04/1979 - 12/1984	L4	1779	108	1
AR06134 1779cc Inline4 DOHC 2v Turbo	09/1986 - 02/1992	L4	1779	108	1
AR06158 1779cc Inline4 DOHC 2v Turbo	02/1986 - 01/1990	L4	1779	108	1
AR06168 1779cc Inline4 DOHC 2v	09/1988 - 02/1992	L4	1779	108	1
AR06202 1779cc Inline4 DOHC 2v	10/1984 - 06/1989	L4	1779	108	1
AR10548 1779cc Inline4 DOHC 2v	01/1968 - On	L4	1779	108	1
AR61102 1779cc Inline4 DOHC 2v	09/1988 - 02/1992	L4	1779	108	1
AR61201 1779cc Inline4 DOHC 2v	08/1989 - 02/1992	L4	1779	108	1
AR61202 1779cc Inline4 DOHC 2v	01/1989 - 12/1992	L4	1779	108	1
AR61203 1779cc Inline4 DOHC 2v Turbo	01/1988 - 12/1992	L4	1779	108	1
VM82A (HR392) 1779cc Inline3 OHV 2v Turbo Diesel	01/1986 - 12/1989	L3	1779	108	5
VM96A 1779cc Inline3 OHV 2v Turbo Diesel	01/1986 - 09/1994	L3	1779	108	5
192 A5.000 1910cc Inline4 DOHC 4v Turbo Diesel	11/2002 - 03/2010	L4	1910	116	20
192 B1.000 1910cc Inline4 DOHC 4v Turbo Diesel	11/2002 - 03/2010	L4	1910	116	20
937 A3.000 1910cc Inline4 DOHC 4v Turbo Diesel	07/2005 - 03/2010	L4	1910	116	20
937 A4.000 1910cc Inline4 DOHC 4v Turbo Diesel	09/2003 - 05/2006	L4	1910	116	20
937 A5.000 1910cc Inline4 DOHC 4v Turbo Diesel	11/2003 - 09/2010	L4	1910	116	20
937 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2005 - 11/2011	L4	1910	116	23
937 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2005 - 11/2011	L4	1910	116	23
939 A2.000 1910cc Inline4 DOHC 4v Turbo Diesel	09/2005 - 11/2011	L4	1910	116	20
939 A8.000 1910cc Inline4 DOHC 4v Turbo Diesel	09/2005 - 11/2011	L4	1910	116	20
160 D100 1929cc Inline4 SOHC 2v Diesel	04/1985 - 12/1989	L4	1929	117	17
AR33601 1929cc Inline4 SOHC 2v Turbo Diesel	10/1994 - 02/1999	L4	1929	117	15
AR67501 1929cc Inline4 SOHC 2v Turbo Diesel	04/1993 - 02/1999	L4	1929	117	15
AR67502 1929cc Inline4 SOHC 2v Turbo Diesel	04/1993 - 02/1999	L4	1929	117	15
AR00512 1962cc Inline4 DOHC 2v	01/1971 - 12/1977	L4	1962	119	1
AR00515 1962cc Inline4 DOHC 2v	01/1973 - 12/1993	L4	1962	119	1
AR01212 1962cc Inline4 DOHC 2v	01/1977 - On	L4	1962	119	1
AR01544 1962cc Inline4 DOHC 2v	08/1986 - 12/1990	L4	1962	119	1
AR01588 1962cc Inline4 DOHC 2v	01/1990 - 12/1993	L4	1962	119	1



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AR01590 1962cc Inline4 DOHC 2v	01/1977 - 12/1993	L4	1962	119	1
AR01615 1962cc Inline4 DOHC 2v	01/1977 - On	L4	1962	119	1
AR01623 1962cc Inline4 DOHC 2v	03/1977 - 01/1986	L4	1962	119	1
AR01655 1962cc Inline4 DOHC 2v	06/1977 - 01/1986	L4	1962	119	1
AR01713 1962cc Inline4 DOHC 2v	07/1978 - 07/1987	L4	1962	119	1
AR06166 1962cc Inline4 DOHC 2v	01/1987 - 02/1992	L4	1962	119	1
937 A1.000 1970cc Inline4 DOHC 4v	03/2002 - 09/2010	L4	1970	120	22
AR16201 (TS) 1970cc Inline4 DOHC 4v	06/1995 - 10/2005	L4	1970	120	11
AR32301 (TS) 1970cc Inline4 DOHC 4v	09/1997 - 01/2001	L4	1970	120	11
AR32303 (TS) 1970cc Inline4 DOHC 4v	11/1997 - 04/2000	L4	1970	120	11
AR32310 (TS) 1970cc Inline4 DOHC 4v	06/1995 - 03/2010	L4	1970	120	11
AR34103 (TS) 1970cc Inline4 DOHC 4v	09/1998 - 10/2000	L4	1970	120	11
AR36301 (TS) 1970cc Inline4 DOHC 4v	10/2000 - 06/2007	L4	1970	120	11
AR67204 (TS) 1970cc Inline4 DOHC 4v	03/1995 - 01/2001	L4	1970	120	11
AR67299 (TS) 1970cc Inline4 DOHC 4v	01/1995 - On	L4	1970	120	11
AR06476 1995cc Inline4 DOHC 2v Turbo	10/1987 - 09/1998	L4	1995	121	18
AR67203 1995cc Inline4 DOHC 4v Turbo	01/1992 - 12/1997	L4	1995	121	16
VM4HT 1995cc Inline4 OHV 2v Turbo Diesel	01/1983 - 12/1985	L4	1995	121	7
VM4HT/2 1995cc Inline4 OHV 2v Turbo Diesel	10/1979 - 11/1985	L4	1995	121	7
VM80A 1995cc Inline4 OHV 2v Turbo Diesel	05/1985 - 09/1992	L4	1995	121	7
AR01932 1997cc V6 SOHC 2v	07/1981 - 12/1986	V6	1997	121	3
AR06210 1997cc V6 SOHC 2v	10/1984 - 07/1987	V6	1997	121	3
AR16202 1997cc V6 SOHC 2v Turbo	06/1995 - 04/2005	V6	1997	121	3
AR34102 1997cc V6 SOHC 2v Turbo	09/1998 - 10/2000	V6	1997	121	3
AR64101 1997cc V6 SOHC 2v Turbo	03/1991 - 09/1992	V6	1997	121	3
AR64102 1997cc V6 SOHC 2v Turbo	09/1992 - 09/1998	V6	1997	121	3
839 A6.000 2387cc Inline5 Turbo Diesel	10/2000 - 09/2007	L5	2387	145	24
841 C.000 2387cc Inline5 Turbo Diesel	03/2002 - 06/2007	L5	2387	145	24
841 G.000 2387cc Inline5 DOHC 4v Turbo Diesel	10/2003 - 06/2007	L5	2387	145	21
841 H.000 2387cc Inline5 DOHC 4v Turbo Diesel	10/2003 - 06/2007	L5	2387	145	21
841 M.000 2387cc Inline5 DOHC 4v Turbo Diesel	06/2003 - 06/2007	L5	2387	145	21
AR32501 2387cc Inline5 SOHC 2v Turbo Diesel	09/1997 - 10/2000	L5	2387	145	24
AR34202 2387cc Inline5 SOHC 2v Turbo Diesel	09/1998 - 10/2000	L5	2387	145	24
AR36202 2387cc Inline5 SOHC 2v Turbo Diesel	10/2000 - 05/2002	L5	2387	145	24
VM4HT 2.4 2393cc OHV 2v Turbo Diesel	04/1983 - 12/1984	L4	2393	146	7
VM81A 2393cc OHV 2v Turbo Diesel	01/1989 - 02/1992	L4	2393	146	7
AR01646 2492cc V6 SOHC 2v	11/1980 - 07/1987	V6	2492	152	3
AR01648 2492cc V6 SOHC 2v	09/1986 - 04/1989	V6	2492	152	3
AR01911 2492cc V6 SOHC 2v	10/1984 - 07/1987	V6	2492	152	3
AR01928 2492cc V6 SOHC 2v	04/1979 - 12/1986	V6	2492	152	3
AR11900 2492cc V6 SOHC 2v	10/1984 - 02/1992	V6	2492	152	3
AR32401 2492cc V6 DOHC 4v	09/1997 - 12/2001	V6	2492	152	3
AR32402 2492cc V6 DOHC 4v	09/1997 - 12/2001	V6	2492	152	3
AR32405 2492cc V6 DOHC 4v	10/2000 - 05/2006	V6	2492	152	3
AR34201 2492cc V6 DOHC 4v	09/1998 - 10/2000	V6	2492	152	3
AR36201 2492cc V6 DOHC 4v	10/2000 - 06/2007	V6	2492	152	3
AR66201 2492cc V6 SOHC 2v	09/1992 - 09/1998	V6	2492	152	3
AR67301 2492cc V6 SOHC 2v	02/1992 - 09/1996	V6	2492	152	3
AR67302 2492cc V6 SOHC 2v	10/1992 - 12/1997	V6	2492	152	3
AR67303 2492cc V6 SOHC 2v	05/1996 - 10/1997	V6	2492	152	3
VM5HT (HR588) 2494cc Inline5 OHV 2v Turbo Diesel	07/1981 - 05/1986	L5	2494	152	6
VM HR425 CLIEE 2499cc Inline4 OHV 2v Turbo Diesel	04/1992 - 12/2000	L4	2499	152	8
VM HR425 CLIRX 2499cc Inline4 OHV 2v Turbo Diesel	10/1995 - 12/2001	L4	2499	152	8
VM07B 2499cc Inline4 OHV 2v Turbo Diesel	04/1993 - 12/1997	L4	2499	152	8
VM08B 2499cc Inline4 OHV 2v Turbo Diesel	09/1992 - 09/1998	L4	2499	152	8
VM31B 2499cc Inline4 OHV 2v Turbo Diesel	04/1993 - 12/1997	L4	2499	152	8
VM32B 2499cc Inline4 OHV 2v Turbo Diesel	09/1992 - 09/1998	L4	2499	152	8
VM-425 CHIEA 08B 2499cc Inline4 OHV 2v Turbo Diesel	03/1993 - 10/1997	L4	2499	152	8

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
VM-425 SLIRA 2499cc Inline4 OHV 2v Turbo Diesel	01/1990 - 02/1999	L4	2499	152	8
VM84A 2499cc Inline4 OHV 2v Turbo Diesel	06/1987 - 09/1992	L4	2499	152	8
AR06120 2959cc V6 SOHC 2v	01/1987 - 12/1990	V6	2959	180	4
AR06124 2959cc V6 SOHC 2v	01/1987 - 02/1992	V6	2959	180	4
AR06410 2959cc V6 SOHC 2v	06/1987 - 09/1992	V6	2959	180	4
AR06412 2959cc V6 SOHC 2v	06/1987 - 09/1992	V6	2959	180	4
AR06430 2959cc V6 SOHC 2v	09/1990 - 09/1992	V6	2959	180	4
AR16101 2959cc V6 SOHC 2v	06/1995 - 04/2005	V6	2959	180	4
AR16102 2959cc V6 DOHC 4v	10/1996 - 10/2000	V6	2959	180	4
AR16105 2959cc V6 DOHC 4v	10/2000 - 10/2005	V6	2959	180	4
AR16199 2959cc V6 DOHC 4v	04/1995 - On	V6	2959	180	4
AR19520 2959cc V6 SOHC 2v	02/1987 - 02/1992	V6	2959	180	4
AR34301 2959cc V6 DOHC 4v	09/1998 - 10/2000	V6	2959	180	4
AR34302 2959cc V6 DOHC 4v	10/1998 - 09/2000	V6	2959	180	4
AR36101 2959cc V6 DOHC 4v	10/2000 - 06/2007	V6	2959	180	4
AR61501 2959cc V6 SOHC 2v	09/1988 - 12/1994	V6	2959	180	4
AR61503 2959cc V6 SOHC 2v	02/1990 - 02/1992	V6	2959	180	4
AR64301 2959cc V6 SOHC 2v	09/1990 - 09/1992	V6	2959	180	4
AR64304 2959cc V6 DOHC 4v	09/1992 - 09/1998	V6	2959	180	4
AR64305 2959cc V6 SOHC 2v	09/1992 - 09/1998	V6	2959	180	4
AR64307 2959cc V6 DOHC 4v	11/1992 - 09/1998	V6	2959	180	4
AR64308 2959cc V6 DOHC 4v	02/1994 - 09/1998	V6	2959	180	4
AR64399 2959cc V6 SOHC 2v	10/1994 - 08/1997	V6	2959	180	4
AR66301 2959cc V6 DOHC 4v	09/1992 - 09/1998	V6	2959	180	4
AR66302 2959cc V6 DOHC 4v	09/1992 - 10/1998	V6	2959	180	4
AR66303 2959cc V6 SOHC 2v	09/1992 - 09/1998	V6	2959	180	4
AR66304 2959cc V6 DOHC 4v	01/1993 - 09/1998	V6	2959	180	4
M624 AA30A 2959cc V6 SOHC 2v	09/1987 - 09/1992	V6	2959	180	4
M624 AB30A 2959cc V6 SOHC 2v	09/1992 - 10/1998	V6	2959	180	4



1	Engine	Year	Cyl	Bore x Stroke	1
	AR00512 1962cc Inline4 DOHC 2v	01/1971 - 12/1977	L4	84.0mm x 88.5mm	
	AR00515 1962cc Inline4 DOHC 2v	01/1973 - 12/1993	L4	84.0mm x 88.5mm	
	AR00526 1570cc Inline4 DOHC 2v	06/1964 - 12/1990	L4	78.0mm x 82.0mm	
	AR00526S 1570cc Inline4 DOHC 2v	03/1963 - 12/1977	L4	78.0mm x 82.0mm	
	AR00536 1570cc Inline4 DOHC 2v	01/1966 - 12/1979	L4	78.0mm x 82.0mm	
	AR00548 1779cc Inline4 DOHC 2v	01/1967 - 12/1972	L4	80.0mm x 88.5mm	
	AR01212 1962cc Inline4 DOHC 2v	01/1977 - On	L4	84.0mm x 88.0mm	
	AR01354 1779cc Inline4 DOHC 2v Turbo	01/1984 - 12/1985	L4	80.0mm x 88.5mm	
	AR01544 1962cc Inline4 DOHC 2v	08/1986 - 12/1990	L4	84.0mm x 88.5mm	
	AR01563 1570cc Inline4 DOHC 2v	01/1990 - 12/1993	L4	78.0mm x 82.0mm	
	AR01588 1962cc Inline4 DOHC 2v	01/1990 - 12/1993	L4	84.0mm x 88.5mm	
	AR01590 1962cc Inline4 DOHC 2v	01/1977 - 12/1993	L4	84.0mm x 88.5mm	
	AR01600 1570cc Inline4 DOHC 2v	01/1975 - 12/1984	L4	78.0mm x 82.0mm	
	AR01608 1779cc Inline4 DOHC 2v	01/1974 - 12/1984	L4	80.0mm x 88.5mm	
	AR01608X 1779cc Inline4 DOHC 2v	01/1974 - 12/1977	L4	80.0mm x 88.5mm	
	AR01615 1962cc Inline4 DOHC 2v	01/1977 - On	L4	84.0mm x 88.5mm	
	AR01623 1962cc Inline4 DOHC 2v	03/1977 - 01/1986	L4	84.0mm x 88.5mm	
	AR01655 1962cc Inline4 DOHC 2v	06/1977 - 01/1986	L4	84.0mm x 88.5mm	
	AR01678 1779cc Inline4 DOHC 2v	04/1979 - 12/1984	L4	80.0mm x 88.5mm	
	AR01713 1962cc Inline4 DOHC 2v	07/1978 - 07/1987	L4	84.0mm x 88.5mm	
	AR06100 1567cc Inline4 DOHC 2v	05/1985 - 09/1989	DOHC4	78.0mm x 82.0mm	
	AR06134 1779cc Inline4 DOHC 2v Turbo	09/1986 - 02/1992	L4	80.0mm x 88.5mm	
	AR06158 1779cc Inline4 DOHC 2v Turbo	02/1986 - 01/1990	L4	80.0mm x 88.5mm	
	AR06166 1962cc Inline4 DOHC 2v	01/1987 - 02/1992	L4	84.0mm x 88.5mm	
	AR06168 1779cc Inline4 DOHC 2v	09/1988 - 02/1992	L4	80.0mm x 88.5mm	
	AR06202 1779cc Inline4 DOHC 2v	10/1984 - 06/1989	L4	80.0mm x 88.5mm	
	AR10548 1779cc Inline4 DOHC 2v	01/1968 - On	L4	80.0mm x 88.5mm	
	AR11650 1570cc Inline4 DOHC 2v	01/1962 - On	L4	78.0mm x 82.0mm	
	AR61101 1567cc Inline4 DOHC 2v	05/1985 - 02/1992	L4	78.0mm x 82.0mm	
	AR61102 1779cc Inline4 DOHC 2v	09/1988 - 02/1992	L4	80.0mm x 88.5mm	
	AR61201 1779cc Inline4 DOHC 2v	08/1989 - 02/1992	L4	80.0mm x 88.5mm	
	AR61202 1779cc Inline4 DOHC 2v	01/1989 - 12/1992	L4	80.0mm x 88.5mm	
	AR61203 1779cc Inline4 DOHC 2v Turbo	01/1988 - 12/1992	L4	80.0mm x 88.5mm	
	AR67101 1773cc Inline4 DOHC 2v	08/1989 - 12/1996	L4	84.0mm x 80.0mm	
	AR67102 1773cc Inline4 DOHC 2v	01/1992 - 12/1996	L4	84.0mm x 80.0mm	
	AR67103 1748cc Inline4 DOHC 2v	04/1993 - 04/1996	L4	83.4mm x mm	
	AR67105 1748cc Inline4 DOHC 2v	04/1993 - 04/1996	L4	83.5mm x mm	
	AR67402 1748cc Inline4 DOHC 2v	02/1992 - 12/1997	L4	84.0mm x mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD						
4B1110H STD, .25		49.987/1.9680 50.000/1.9685	53.693/2.1139 53.708/2.1145	1.836/.0723	23.44/.923	F781	1110H IH
4B1110P STD, 010, 020, 030, 040	CONROD	49.987/1.9680 50.000/1.9685	53.693/2.1139 53.708/2.1145	1.836/.0723	23.44/.923	F780	1110 IH
RACE SERIES	MAINS						
5M1112H STD, .25	1,3,5	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	25.52/1.005	F780	1112H IH
	2,4	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	18.36/.723	F780	1113H IH
5M1112P STD, 010, 020, 030, 040	MAINS	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	25.53/1.005	F780	1112 IH
	2,4	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	18.36/.723	F780	1113 IH
2T4242 STD	THRUST	65.790/2.5902 66.040/2.6000	82.420/3.2449 82.680/3.2551		2.36/.093	F1	4242T UL

1	Engine	Year	Cyl	Bore x Stroke	1
	AR00512 1962cc Inline4 DOHC 2v	01/1971 - 12/1977	L4	84.0mm x 88.5mm	
	AR00515 1962cc Inline4 DOHC 2v	01/1973 - 12/1993	L4	84.0mm x 88.5mm	
	AR00526 1570cc Inline4 DOHC 2v	06/1964 - 12/1990	L4	78.0mm x 82.0mm	
	AR00526S 1570cc Inline4 DOHC 2v	03/1963 - 12/1977	L4	78.0mm x 82.0mm	
	AR00536 1570cc Inline4 DOHC 2v	01/1966 - 12/1979	L4	78.0mm x 82.0mm	
	AR00548 1779cc Inline4 DOHC 2v	01/1967 - 12/1972	L4	80.0mm x 88.5mm	
	AR01212 1962cc Inline4 DOHC 2v	01/1977 - On	L4	84.0mm x 88.0mm	
	AR01354 1779cc Inline4 DOHC 2v Turbo	01/1984 - 12/1985	L4	80.0mm x 88.5mm	
	AR01544 1962cc Inline4 DOHC 2v	08/1986 - 12/1990	L4	84.0mm x 88.5mm	
	AR01563 1570cc Inline4 DOHC 2v	01/1990 - 12/1993	L4	78.0mm x 82.0mm	
	AR01588 1962cc Inline4 DOHC 2v	01/1990 - 12/1993	L4	84.0mm x 88.5mm	
	AR01590 1962cc Inline4 DOHC 2v	01/1977 - 12/1993	L4	84.0mm x 88.5mm	
	AR01600 1570cc Inline4 DOHC 2v	01/1975 - 12/1984	L4	78.0mm x 82.0mm	
	AR01608 1779cc Inline4 DOHC 2v	01/1974 - 12/1984	L4	80.0mm x 88.5mm	
	AR01608X 1779cc Inline4 DOHC 2v	01/1974 - 12/1977	L4	80.0mm x 88.5mm	
	AR01615 1962cc Inline4 DOHC 2v	01/1977 - On	L4	84.0mm x 88.5mm	
	AR01623 1962cc Inline4 DOHC 2v	03/1977 - 01/1986	L4	84.0mm x 88.5mm	
	AR01655 1962cc Inline4 DOHC 2v	06/1977 - 01/1986	L4	84.0mm x 88.5mm	
	AR01678 1779cc Inline4 DOHC 2v	04/1979 - 12/1984	L4	80.0mm x 88.5mm	
	AR01713 1962cc Inline4 DOHC 2v	07/1978 - 07/1987	L4	84.0mm x 88.5mm	
	AR06100 1567cc Inline4 DOHC 2v	05/1985 - 09/1989	DOHC4	78.0mm x 82.0mm	
	AR06134 1779cc Inline4 DOHC 2v Turbo	09/1986 - 02/1992	L4	80.0mm x 88.5mm	
	AR06158 1779cc Inline4 DOHC 2v Turbo	02/1986 - 01/1990	L4	80.0mm x 88.5mm	
	AR06166 1962cc Inline4 DOHC 2v	01/1987 - 02/1992	L4	84.0mm x 88.5mm	
	AR06168 1779cc Inline4 DOHC 2v	09/1988 - 02/1992	L4	80.0mm x 88.5mm	
	AR06202 1779cc Inline4 DOHC 2v	10/1984 - 06/1989	L4	80.0mm x 88.5mm	
	AR10548 1779cc Inline4 DOHC 2v	01/1968 - On	L4	80.0mm x 88.5mm	
	AR11650 1570cc Inline4 DOHC 2v	01/1962 - On	L4	78.0mm x 82.0mm	
	AR61101 1567cc Inline4 DOHC 2v	05/1985 - 02/1992	L4	78.0mm x 82.0mm	
	AR61102 1779cc Inline4 DOHC 2v	09/1988 - 02/1992	L4	80.0mm x 88.5mm	
	AR61201 1779cc Inline4 DOHC 2v	08/1989 - 02/1992	L4	80.0mm x 88.5mm	
	AR61202 1779cc Inline4 DOHC 2v	01/1989 - 12/1992	L4	80.0mm x 88.5mm	
	AR61203 1779cc Inline4 DOHC 2v Turbo	01/1988 - 12/1992	L4	80.0mm x 88.5mm	
	AR67101 1773cc Inline4 DOHC 2v	08/1989 - 12/1996	L4	84.0mm x 80.0mm	
	AR67102 1773cc Inline4 DOHC 2v	01/1992 - 12/1996	L4	84.0mm x 80.0mm	
	AR67103 1748cc Inline4 DOHC 2v	04/1993 - 04/1996	L4	83.4mm x mm	
	AR67105 1748cc Inline4 DOHC 2v	04/1993 - 04/1996	L4	83.5mm x mm	
	AR67402 1748cc Inline4 DOHC 2v	02/1992 - 12/1997	L4	84.0mm x mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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PISTON PIN BUSH

RB4153		21.994/.8659 22.000/.8661	25.120/.9890 25.146/.9900		23.72/.934	F100	RB4153
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2	Engine	Year	Cyl	Bore x Stroke	2
	AR00500 1290cc Inline4 DOHC 2v	01/1955 - 12/1962	L4	74.0mm x 75.0mm	
	AR00501 1290cc Inline4 DOHC 2v	01/1954 - 12/1962	L4	74.0mm x 75.0mm	
	AR00502 1290cc Inline4 DOHC 2v	01/1957 - 12/1962	L4	74.0mm x 75.0mm	
	AR00504 1290cc Inline4 DOHC 2v	01/1958 - 12/1983	L4	74.0mm x 75.0mm	
	AR00508 1290cc Inline4 DOHC 2v	01/1961 - 12/1962	L4	74.0mm x 75.0mm	
	AR00510 1290cc Inline4 DOHC 2v	01/1956 - 12/1962	L4	74.0mm x 75.0mm	
	AR00514 1290cc Inline4 DOHC 2v	01/1958 - 12/1961	L4	74.0mm x 75.0mm	
	AR00530 1290cc Inline4 DOHC 2v	01/1966 - 12/1978	L4	74.0mm x 75.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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RACE SERIES

MAINS

5M1112H STD, .25	1,3,5	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	25.52/1.005	F780	1112H IH
	2,4	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	18.36/.723	F780	1113H IH



2 Continued ...							2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1112P STD, .010, .020, .030, .040	MAINS						
	1,3,5	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	25.53/1.005	F780	1112 IH
	2,4	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	18.36/.723	F780	1113 IH
	THRUST						
2T4242 STD		65.790/2.5902 66.040/2.6000	82.420/3.2449 82.680/3.2551		2.36/.093	F1	4242T UL
RB4153	PISTON PIN BUSH						
		21.994/.8659 22.000/.8661	25.120/.9890 25.146/.9900		23.72/.934	F100	RB4153

3 Engine	Year	Cyl	Bore x Stroke	3
AR01646 2492cc V6 SOHC 2v	11/1980 - 07/1987	V6	88.0mm x 68.3mm	
AR01648 2492cc V6 SOHC 2v	09/1986 - 04/1989	V6	88.0mm x 68.3mm	
AR01911 2492cc V6 SOHC 2v	10/1984 - 07/1987	V6	88.0mm x 68.3mm	
AR01928 2492cc V6 SOHC 2v	04/1979 - 12/1986	V6	88.0mm x 68.3mm	
AR01932 1997cc V6 SOHC 2v	07/1981 - 12/1986	V6	80.0mm x 66.2mm	
AR06210 1997cc V6 SOHC 2v	10/1984 - 07/1987	V6	80.0mm x 66.2mm	
AR11900 2492cc V6 SOHC 2v	10/1984 - 02/1992	V6	88.0mm x 68.3mm	
AR16202 1997cc V6 SOHC 2v Turbo	06/1995 - 04/2005	V6	80.0mm x 66.2mm	
AR32401 2492cc V6 DOHC 4v	09/1997 - 12/2001	V6	88.0mm x 68.3mm	
AR32402 2492cc V6 DOHC 4v	09/1997 - 12/2001	V6	88.0mm x 68.3mm	
AR32405 2492cc V6 DOHC 4v	10/2000 - 05/2006	V6	88.0mm x 68.3mm	
AR34102 1997cc V6 SOHC 2v Turbo	09/1998 - 10/2000	V6	80.0mm x 66.2mm	
AR34201 2492cc V6 DOHC 4v	09/1998 - 10/2000	V6	88.0mm x 68.3mm	
AR36201 2492cc V6 DOHC 4v	10/2000 - 06/2007	V6	88.0mm x 68.3mm	
AR64101 1997cc V6 SOHC 2v Turbo	03/1991 - 09/1992	V6	80.0mm x 66.2mm	
AR64102 1997cc V6 SOHC 2v Turbo	09/1992 - 09/1998	V6	80.0mm x 66.2mm	
AR66201 2492cc V6 SOHC 2v	09/1992 - 09/1998	V6	88.0mm x 68.3mm	
AR67301 2492cc V6 SOHC 2v	02/1992 - 09/1996	V6	88.0mm x 68.3mm	
AR67302 2492cc V6 SOHC 2v	10/1992 - 12/1997	V6	88.0mm x 68.3mm	
AR67303 2492cc V6 SOHC 2v	05/1996 - 10/1997	V6	88.0mm x 68.3mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2875P STD, .25	CONROD						
		51.980/2.0465 52.000/2.0472	55.511/2.1855 55.524/2.1860	1.749/.0689	19.10/.752	F780	2875 IH
4M2874P STD, .25	MAINS						
	1,2,3,4	59.951/2.3603 59.971/2.3611	63.657/2.5062 63.676/2.5069	1.841/.0725	22.35/.880	F780	2874 IH
1T2874A STD	THRUST				2.36/.093	F817	2874T UL
RB4153	PISTON PIN BUSH						
		21.994/.8659 22.000/.8661	25.120/.9890 25.146/.9900		23.72/.934	F100	RB4153



4	Engine	Year	Cyl	Bore x Stroke	4
	AR06120 2959cc V6 SOHC 2v	01/1987 - 12/1990	V6	93.0mm x 72.6mm	
	AR06124 2959cc V6 SOHC 2v	01/1987 - 02/1992	V6	93.0mm x 72.6mm	
	AR06410 2959cc V6 SOHC 2v	06/1987 - 09/1992	V6	93.0mm x 72.6mm	
	AR06412 2959cc V6 SOHC 2v	06/1987 - 09/1992	V6	93.0mm x 72.6mm	
	AR06430 2959cc V6 SOHC 2v	09/1990 - 09/1992	V6	93.0mm x 72.6mm	
	AR16101 2959cc V6 SOHC 2v	06/1995 - 04/2005	V6	93.0mm x 72.6mm	
	AR16102 2959cc V6 DOHC 4v	10/1996 - 10/2000	V6	93.0mm x 72.6mm	
	AR16105 2959cc V6 DOHC 4v	10/2000 - 10/2005	V6	93.0mm x 72.6mm	
	AR16199 2959cc V6 DOHC 4v	04/1995 - On	V6	93.0mm x 72.6mm	
	AR19520 2959cc V6 SOHC 2v	02/1987 - 02/1992	V6	93.0mm x 72.6mm	
	AR34301 2959cc V6 DOHC 4v	09/1998 - 10/2000	V6	93.0mm x 72.6mm	
	AR34302 2959cc V6 DOHC 4v	10/1998 - 09/2000	V6	93.0mm x 72.6mm	
	AR36101 2959cc V6 DOHC 4v	10/2000 - 06/2007	V6	93.0mm x 72.6mm	
	AR61501 2959cc V6 SOHC 2v	09/1988 - 12/1994	V6	93.0mm x 72.6mm	
	AR61503 2959cc V6 SOHC 2v	02/1990 - 02/1992	V6	93.0mm x 72.6mm	
	AR64301 2959cc V6 SOHC 2v	09/1990 - 09/1992	V6	93.0mm x 72.6mm	
	AR64304 2959cc V6 DOHC 4v	09/1992 - 09/1998	V6	93.0mm x 72.6mm	
	AR64305 2959cc V6 SOHC 2v	09/1992 - 09/1998	V6	93.0mm x 72.6mm	
	AR64307 2959cc V6 DOHC 4v	11/1992 - 09/1998	V6	93.0mm x 72.6mm	
	AR64308 2959cc V6 DOHC 4v	02/1994 - 09/1998	V6	93.0mm x 72.6mm	
	AR64399 2959cc V6 SOHC 2v	10/1994 - 08/1997	V6	93.0mm x 72.6mm	
	AR66301 2959cc V6 DOHC 4v	09/1992 - 09/1998	V6	93.0mm x 72.6mm	
	AR66302 2959cc V6 DOHC 4v	09/1992 - 10/1998	V6	93.0mm x 72.6mm	
	AR66303 2959cc V6 SOHC 2v	09/1992 - 09/1998	V6	93.0mm x 72.6mm	
	AR66304 2959cc V6 DOHC 4v	01/1993 - 09/1998	V6	93.0mm x 72.6mm	
	M624 AA30A 2959cc V6 SOHC 2v	09/1987 - 09/1992	V6	93.0mm x 72.6mm	
	M624 AB30A 2959cc V6 SOHC 2v	09/1992 - 10/1998	V6	93.0mm x 72.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2875P STD, .25		51.980/2.0465	55.511/2.1855	1.749/.0689	19.10/.752	F780	2875 IH
		52.000/2.0472	55.524/2.1860				
4M2874P STD, .25	1,2,3,4	59.951/2.3603	63.657/2.5062	1.841/.0725	22.35/.880	F780	2874 IH
		59.971/2.3611	63.676/2.5069				
1T2874A STD	THRUST				2.36/.093	F817	2874T UL
RB4153	PISTON PIN BUSH	21.994/.8659	25.120/.9890		23.72/.934	F100	RB4153
		22.000/.8661	25.146/.9900				

5	Engine	Year	Cyl	Bore x Stroke	5
	VM82A (HR392) 1779cc Inline3 OHV 2v Turbo Diesel	01/1986 - 12/1989	L3	92.0mm x 89.2mm	
	VM96A 1779cc Inline3 OHV 2v Turbo Diesel	01/1986 - 09/1994	L3	92.0mm x 89.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
1B1090P STD, .25, .50, .75		<i>Contains one pair only.</i>		1.798/.0708	23.25/.915	F780	1090 IH
		53.940/2.1236	57.563/2.2663				
3B1090P STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090 IH
		53.955/2.1242	57.582/2.2670				
1T1093 STD	THRUST	74.250/2.9232	88.000/3.4646		2.36/.093	F817	1093T IH
		74.500/2.9331	88.100/3.4685				
RB4154 UNB	PISTON PIN BUSH	29.990/1.1807	34.000/1.3386		30.12/1.186	F100	RB4154
		29.996/1.1809	34.025/1.3396				



6 Engine				Year	Cyl	Bore x Stroke	6
VM5HT (HR588) 2494cc Inline5 OHV 2v Turbo Diesel				07/1981 - 05/1986	L5	88.0mm x 82.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Contains one pair only.</i>							
1B1090P STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090 IH
		53.955/2.1242	57.582/2.2670				
THRUST							
1T1093 STD		74.250/2.9232	88.000/3.4646		2.36/.093	F817	1093T IH
		74.500/2.9331	88.100/3.4685				
PISTON PIN BUSH							
RB4154 UNB		29.990/1.1807	34.000/1.3386		30.12/1.186	F100	RB4154
		29.996/1.1809	34.025/1.3396				

7 Engine				Year	Cyl	Bore x Stroke	7
VM4HT 1995cc Inline4 OHV 2v Turbo Diesel				01/1983 - 12/1985	L4	88.0mm x 82.0mm	
VM4HT 2.4 2393cc OHV 2v Turbo Diesel				04/1983 - 12/1984	L4	92.0mm x 90.0mm	
VM4HT/2 1995cc Inline4 OHV 2v Turbo Diesel				10/1979 - 11/1985	L4	88.0mm x 82.0mm	
VM80A 1995cc Inline4 OHV 2v Turbo Diesel				05/1985 - 09/1992	L4	88.0mm x 82.0mm	
VM81A 2393cc OHV 2v Turbo Diesel				01/1989 - 02/1992	L4	92.0mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Contains one pair only.</i>							
1B1090P STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090 IH
		53.955/2.1242	57.582/2.2670				
CONROD							
4B1090P STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090 IH
		53.955/2.1242	57.582/2.2670				
MAINS							
5M1093A STD, .25, .50, .75, 1.00	1	62.995/2.4801	67.025/2.6388	2.000/.0787	32.25/1.270	F810	1093A
		63.010/2.4807	67.050/2.6398				
	2,3,4	63.005/2.4805	66.670/2.6248	1.820/.0717	28.00/1.102	F810	1094A IH
		63.020/2.4811	66.687/2.6255				
	5	69.980/2.7551	75.005/2.9529	2.500/.0984	32.25/1.270	F810	1095A
	70.000/2.7559	75.030/2.9539					
THRUST							
1T1093 STD		74.250/2.9232	88.000/3.4646		2.36/.093	F817	1093T IH
		74.500/2.9331	88.100/3.4685				
PISTON PIN BUSH							
RB4154 UNB		29.990/1.1807	34.000/1.3386		30.12/1.186	F100	RB4154
		29.996/1.1809	34.025/1.3396				

8 Engine				Year	Cyl	Bore x Stroke	8
VM HR425 CLIEE 2499cc Inline4 OHV 2v Turbo Diesel				04/1992 - 12/2000	L4	92.0mm x 94.0mm	
VM HR425 CLIRX 2499cc Inline4 OHV 2v Turbo Diesel				10/1995 - 12/2001	L4	92.0mm x 94.0mm	
VM07B 2499cc Inline4 OHV 2v Turbo Diesel				04/1993 - 12/1997	L4	92.0mm x 94.0mm	
VM08B 2499cc Inline4 OHV 2v Turbo Diesel				09/1992 - 09/1998	L4	92.0mm x 94.0mm	
VM31B 2499cc Inline4 OHV 2v Turbo Diesel				04/1993 - 12/1997	L4	92.0mm x 94.0mm	
VM32B 2499cc Inline4 OHV 2v Turbo Diesel				09/1992 - 09/1998	L4	92.0mm x 94.0mm	
VM-425 CHIEA 08B 2499cc Inline4 OHV 2v Turbo Diesel				03/1993 - 10/1997	L4	92.0mm x 94.0mm	
VM-425 SLIRA 2499cc Inline4 OHV 2v Turbo Diesel				01/1990 - 02/1999	L4	92.0mm x 94.0mm	
VM84A 2499cc Inline4 OHV 2v Turbo Diesel				06/1987 - 09/1992	L4	92.0mm x 94.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Contains one pair only.</i>							
1B1090P STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090 IH
		53.955/2.1242	57.582/2.2670				
CONROD							
4B1090P STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090 IH
		53.955/2.1242	57.582/2.2670				

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8 Continued ...							8
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1091A STD, .25, .50, .75, 1.00	MAINS						
	1	62.995/2.4801 63.010/2.4807	67.025/2.6388 67.050/2.6398	2.000/.0787	28.25/1.112	F810	1091A
	2,3,4	63.005/2.4805 63.020/2.4811	66.670/2.6248 66.687/2.6255	1.820/.0717	28.00/1.102	F810	1094A IH
	5	69.985/2.7553 70.000/2.7559	75.005/2.9529 75.030/2.9539	2.510/.0988	22.25/.876	F810	1092A
	THRUST						
	1T1093 STD		74.250/2.9232 74.500/2.9331	88.000/3.4646 88.100/3.4685		2.36/.093	F817
PISTON PIN BUSH							
RB4154 UNB		29.990/1.1807 29.996/1.1809	34.000/1.3386 34.025/1.3396		30.12/1.186	F100	RB4154



9	Engine	Year	Cyl	Bore x Stroke	9
	AR30100 1351cc Flat4 SOHC 2v	01/1985 - 12/1986	H4	80.0mm x 67.2mm	
	AR30102 1186cc Flat4 SOHC 2v	06/1972 - 12/1986	H4	80.0mm x 59.0mm	
	AR30102S 1186cc Flat4 SOHC 2v	03/1980 - 09/1984	H4	80.0mm x 59.0mm	
	AR30104 1186cc Flat4 SOHC 2v	11/1973 - 09/1984	H4	80.0mm x 59.0mm	
	AR30124 1490cc Flat4 SOHC 2v	05/1978 - 12/1989	H4	84.0mm x 67.2mm	
	AR30128 1490cc Flat4 SOHC 2v	07/1979 - 12/1989	H4	84.0mm x 67.2mm	
	AR30146 1490cc Flat4 SOHC 2v	01/1980 - 12/1989	H4	84.0mm x 76.2mm	
	AR30160 1351cc Flat4 SOHC 2v	01/1979 - 09/1984	H4	80.0mm x 67.2mm	
	AR30164 1351cc Flat4 SOHC 2v	09/1977 - 09/1984	H4	80.0mm x 67.2mm	
	AR30168 1351cc Flat4 SOHC 2v	07/1979 - 12/1989	H4	80.0mm x 76.2mm	
	AR30182 1490cc Flat4 SOHC 2v	03/1980 - 12/1993	H4	84.0mm x 67.2mm	
	AR30184 1286cc Flat4 SOHC 2v	09/1976 - 09/1984	H4	80.0mm x 67.2mm	
	AR30198 1490cc Flat4 SOHC 2v	01/1983 - 12/1989	H4	84.0mm x 67.2mm	
	AR30500 1186cc Flat4 SOHC 2v	06/1983 - 03/1988	H4	80.0mm x 59.0mm	
	AR30502 1351cc Flat4 SOHC 2v	05/1983 - 12/1989	H4	80.0mm x 67.2mm	
	AR30504 1490cc Flat4 SOHC 2v	03/1983 - 01/1988	H4	84.0mm x 67.2mm	
	AR30508 1490cc Flat4 SOHC 2v	06/1984 - 12/1989	H4	84.0mm x 67.2mm	
	AR30514 1490cc Flat4 SOHC 2v	01/1984 - 12/1989	H4	84.0mm x 67.2mm	
	AR30520 1490cc Flat4 SOHC 2v	06/1983 - 12/1989	H4	84.0mm x 67.2mm	
	AR30550 1712cc Flat4 SOHC 2v	01/1986 - 12/1989	H4	87.0mm x 72.0mm	
	AR30558 1712cc Flat4 SOHC 2v	10/1987 - 12/1989	H4	87.0mm x 72.0mm	
	AR30578 1712cc Flat4 SOHC 2v	04/1988 - 12/1989	H4	87.0mm x 72.0mm	
	AR30585 1186cc Flat4 SOHC 2v	06/1983 - 12/1989	H4	80.0mm x 59.0mm	
	AR30586 1351cc Flat4 SOHC 2v	06/1983 - 12/1989	H4	80.0mm x 67.2mm	
	AR30587 1351cc Flat4 SOHC 2v	01/1984 - 09/1994	H4	80.0mm x 67.2mm	
	AR30588 1490cc Flat4 SOHC 2v	06/1984 - 12/1989	H4	84.0mm x 67.2mm	
	AR30732 1351cc Flat4 SOHC 2v	01/1990 - 10/1994	H4	80.0mm x 67.2mm	
	AR30734 1490cc Flat4 SOHC 2v	01/1990 - 04/1993	H4	84.0mm x 67.2mm	
	AR30736 1712cc Flat4 SOHC 2v	01/1990 - 09/1994	H4	87.0mm x 72.0mm	
	AR30737 1712cc Flat4 SOHC 2v	01/1990 - 09/1994	H4	87.0mm x 72.0mm	
	AR30737A 1712cc Flat4 SOHC 2v	04/1992 - 09/1994	H4	87.0mm x 72.0mm	
	AR30738 1490cc Flat4 SOHC 2v	04/1992 - 10/1994	H4	84.0mm x 67.2mm	
	AR30740 1712cc Flat4 SOHC 2v	04/1992 - 10/1994	H4	87.0mm x 72.0mm	
	AR30743 1186cc Flat4 SOHC 2v	01/1990 - 08/1991	H4	80.0mm x 59.0mm	
	AR30750 1490cc Flat4 SOHC 2v	06/1990 - 10/1994	H4	84.0mm x 67.2mm	
	AR30751 1490cc Flat4 SOHC 2v	01/1990 - 10/1994	H4	84.0mm x 67.2mm	
	AR30753 1351cc Flat4 SOHC 2v	06/1991 - 09/1994	H4	80.0mm x 67.2mm	
	AR30755 1351cc Flat4 SOHC 2v	07/1990 - 09/1994	H4	80.0mm x 67.2mm	
	AR31000 1186cc Flat4 SOHC 2v	09/1983 - 12/1986	H4	80.0mm x 59.0mm	
	AR31000 1286cc Flat4 SOHC 2v	01/1978 - 02/1980	H4	80.0mm x 64.0mm	
	AR31010 1351cc Flat4 SOHC 2v	03/1983 - 12/1986	H4	80.0mm x 67.2mm	
	AR33501 1351cc Flat4 SOHC 2v	07/1994 - 12/1996	H4	80.0mm x 67.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Plain version.</i>					
4B1062A STD, 010, 020, 030, 040		49.984/1.9679 50.000/1.9685	53.696/2.1140 53.708/2.1145	1.836/.0723	17.80/.701	F810	1062A IH
	CONROD	<i>Grooved version.</i>					
4B1063A STD, 010, 020, 030, 040		49.992/1.9682 50.000/1.9685	53.696/2.1140 53.708/2.1145	1.836/.0723	17.80/.701	F810	1063A IH
	MAINS	1,2,3					
3M1065A STD, 010, 020, 030		59.944/2.3600 59.957/2.3605	63.663/2.5064 63.673/2.5068	1.841/.0725	23.40/.921	F810	1065A IH
	THRUST						
1T1065A STD		65.790/2.5902 66.040/2.6000	82.420/3.2449 82.680/3.2551		2.36/.093	F817	1065T IH
	PISTON PIN BUSH						
RB4155		20.996/.8266 21.000/.8268	23.005/.9057 23.020/.9063		23.50/.925	F100	RB4155



10	Engine	Year	Cyl	Bore x Stroke	10
	AR33503 (TS) 1370cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	82.0mm x 64.9mm	
	AR38501 (TS) 1370cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	82.0mm x 64.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Suits engines from 02/2000 on.</i>					
4B1046P STD, 010		40.870/1.6091 40.890/1.6098	44.000/1.7323 44.012/1.7328	1.543/.0607	19.10/.752	F780	1046 IH
4B1047A STD, 010	CONROD	40.870/1.6091 40.890/1.6098	44.000/1.7323 44.012/1.7328	1.543/.0607	19.10/.752	F810	1047A IH
5M1053A STD, 010, 020	MAINS						
	1,2,4,5	52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330	1.843/.0726	20.75/.817	F810	1053A IH
	3	52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330	1.838/.0724	20.75/.817	F810	1054A IH
RB4156	PISTON PIN BUSH	19.993/.7871 20.000/.7874	22.939/.9031 22.972/.9044		21.70/.854	F100	RB4156

11	Engine	Year	Cyl	Bore x Stroke	11
	AR16201 (TS) 1970cc Inline4 DOHC 4v	06/1995 - 10/2005	L4	83.0mm x 91.0mm	
	AR32201 (TS) 1747cc Inline4 DOHC 4v	09/1997 - 10/2005	L4	82.0mm x 82.7mm	
	AR32205 (TS) 1747cc Inline4 DOHC 4v	10/2000 - 09/2010	L4	82.0mm x 82.7mm	
	AR32301 (TS) 1970cc Inline4 DOHC 4v	09/1997 - 01/2001	L4	83.0mm x 91.0mm	
	AR32303 (TS) 1970cc Inline4 DOHC 4v	11/1997 - 04/2000	L4	83.0mm x 91.0mm	
	AR32310 (TS) 1970cc Inline4 DOHC 4v	06/1995 - 03/2010	L4	83.0mm x 91.0mm	
	AR34103 (TS) 1970cc Inline4 DOHC 4v	09/1998 - 10/2000	L4	83.0mm x 91.0mm	
	AR36301 (TS) 1970cc Inline4 DOHC 4v	10/2000 - 06/2007	L4	83.0mm x 91.0mm	
	AR38401 (TS) 1747cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	82.0mm x 82.7mm	
	AR67106 (TS) 1747cc Inline4 DOHC 4v	05/1996 - 01/2001	L4	82.0mm x 82.7mm	
	AR67199 (TS) 1747cc Inline4 DOHC 4v	05/1996 - 01/2001	L4	82.0mm x 82.7mm	
	AR67204 (TS) 1970cc Inline4 DOHC 4v	03/1995 - 01/2001	L4	83.0mm x 91.0mm	
	AR67299 (TS) 1970cc Inline4 DOHC 4v	01/1995 - On	L4	83.0mm x 91.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Notch 4.37mm wide.</i>					
4B2822A STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
4B2822P STD, 010, 020	CONROD	50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH
RACE SERIES 4B2904H STD, .025, .25	CONROD	50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH
RACE SERIES 4B2904HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.523/.0600	19.50/.768	F781	2904HX IH
5M1053A STD, 010, 020	MAINS						
	1,2,4,5	52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330	1.843/.0726	20.75/.817	F810	1053A IH
	3	52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330	1.838/.0724	20.75/.817	F810	1054A IH
RB4156	PISTON PIN BUSH	19.993/.7871 20.000/.7874	22.939/.9031 22.972/.9044		21.70/.854	F100	RB4156



12	Engine	Year	Cyl	Bore x Stroke	12
	AR32101 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 09/2005	L4	82.0mm x 75.7mm	
	AR32102 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 05/2006	L4	82.0mm x 75.7mm	
	AR32103 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 05/2006	L4	82.0mm x 75.7mm	
	AR32104 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 05/2006	L4	82.0mm x 75.7mm	
	AR38201 (TS) 1598cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	82.0mm x 75.7mm	
	AR67601 (TS) 1598cc Inline4 DOHC 4v	05/1996 - 05/2006	L4	82.0mm x 75.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Suits engines from 02/2000 on.</i>					
4B1046P STD, 010		40.870/1.6091	44.000/1.7323	1.543/.0607	19.10/.752	F780	1046 IH
		40.890/1.6098	44.012/1.7328				
	CONROD	<i>Suits engines up to 01/2000.</i>					
4B1048A STD, 010		48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F810	1048A IH
		48.244/1.8994	51.366/2.0223				
	CONROD	<i>Suits engines up to 01/2000.</i>					
4B1048P STD, 010		48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F780	1048 IH
		48.244/1.8994	51.366/2.0223				
	MAINS						
5M1053A STD, 010, 020	1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				
	3	52.982/2.0859	56.705/2.2325	1.838/.0724	20.75/.817	F810	1054A IH
		53.000/2.0866	56.718/2.2330				
	PISTON PIN BUSH						
RB4156		19.993/.7871	22.939/.9031		21.70/.854	F100	RB4156
		20.000/.7874	22.972/.9044				

13	Engine	Year	Cyl	Bore x Stroke	13
	AR37203 (TS) 1598cc Inline4 DOHC 4v	01/2001 - 03/2010	L4	82.0mm x 75.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Suits engines from 02/2000 on.</i>					
4B1046P STD, 010		40.870/1.6091	44.000/1.7323	1.543/.0607	19.10/.752	F780	1046 IH
		40.890/1.6098	44.012/1.7328				
	MAINS						
5M1053A STD, 010, 020	1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				
	3	52.982/2.0859	56.705/2.2325	1.838/.0724	20.75/.817	F810	1054A IH
		53.000/2.0866	56.718/2.2330				
	PISTON PIN BUSH						
RB4156		19.993/.7871	22.939/.9031		21.70/.854	F100	RB4156
		20.000/.7874	22.972/.9044				

14	Engine	Year	Cyl	Bore x Stroke	14
	AR33201 (TS) 1596cc Inline4 DOHC 4v	10/1994 - 12/1996	L4	84.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Suits engines up to 01/2000.</i>					
4B1048A STD, 010		48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F810	1048A IH
		48.244/1.8994	51.366/2.0223				
	CONROD	<i>Suits engines up to 01/2000.</i>					
4B1048P STD, 010		48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F780	1048 IH
		48.244/1.8994	51.366/2.0223				
	MAINS						
5M1053A STD, 010, 020	1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				
	3	52.982/2.0859	56.705/2.2325	1.838/.0724	20.75/.817	F810	1054A IH
		53.000/2.0866	56.718/2.2330				
	PISTON PIN BUSH						
RB4156		19.993/.7871	22.939/.9031		21.70/.854	F100	RB4156
		20.000/.7874	22.972/.9044				

Alfa Romeo



15 Engine		Year	Cyl	Bore x Stroke	15		
AR33601 1929cc Inline4 SOHC 2v Turbo Diesel		10/1994 - 02/1999	L4	82.6mm x 90.0mm			
AR67501 1929cc Inline4 SOHC 2v Turbo Diesel		04/1993 - 02/1999	L4	82.6mm x 90.0mm			
AR67502 1929cc Inline4 SOHC 2v Turbo Diesel		04/1993 - 02/1999	L4	82.6mm x 90.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Notch 4.37mm wide.</i>					
4B2822A STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
	CONROD	<i>Notch 4.37mm wide.</i>					
4B2822P STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH
	CONROD	<i>Notch 4.57mm wide.</i>					
4B2872A STD, .25, .50, .75		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.919/2.1228	1.536/.0605	19.50/.768	F810	2872A IH
	CONROD	<i>Notch 4.57mm wide.</i>					
4B2872P STD, .25, .50, .75		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.919/2.1228	1.536/.0605	19.50/.768	F780	2872 IH
RACE SERIES 4B2904H STD, .025, .25	CONROD	50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH
RACE SERIES 4B2904HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.523/.0600	19.50/.768	F781	2904HX IH
	MAINS						
5M2834A STD, .25, .50	1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
RACE SERIES 5M2908H STD, .025, .25	1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
RACE SERIES 5M2908HX STD	1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
	THRUST						
1T2827A STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
	PISTON PIN BUSH						
RB4157		26.004/1.0238 26.010/1.0240	27.939/1.1000 27.972/1.1013		25.40/1.000	F100	RB4157

16 Engine		Year	Cyl	Bore x Stroke	16		
AR67203 1995cc Inline4 DOHC 4v Turbo		01/1992 - 12/1997	L4	84.0mm x 90.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Notch 4.37mm wide.</i>					
4B2822A STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
	CONROD	<i>Notch 4.37mm wide.</i>					
4B2822P STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH
RACE SERIES 4B2904H STD, .025, .25	CONROD	50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH
RACE SERIES 4B2904HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.523/.0600	19.50/.768	F781	2904HX IH



16 Continued ...							16
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M2834A STD, .25, .50	MAINS 1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
RACE SERIES 5M2908H STD, .025, .25	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
RACE SERIES 5M2908HX STD	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
	THRUST						
1T2827A STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
RB4159	PISTON PIN BUSH	21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159

17 Engine				Year	Cyl	Bore x Stroke	17
160 D100 1929cc Inline4 SOHC 2v Diesel				04/1985 - 12/1989	L4	82.6mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2825A STD, .25, .50, .75	CONROD	<i>Oil holes at 75 deg and 105 deg.</i>					
		50.782/1.9993 50.802/2.0001	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F810	2825A IH
5M2826A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	24.25/.955	F820	2827A IH
1T2827A STD	THRUST	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
RB4158	PISTON PIN BUSH	25.004/.9844 25.010/.9846	26.939/1.0606 26.972/1.0619		25.40/1.000	F100	RB4158

18 Engine				Year	Cyl	Bore x Stroke	18
AR06476 1995cc Inline4 DOHC 2v Turbo				10/1987 - 09/1998	L4	84.0mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2840A STD, .25, .50	CONROD	50.787/1.9995 50.807/2.0003	53.892/2.1217 53.910/2.1224	1.537/.0605	19.50/.768	F810	2840A IH
5M2834A STD, .25, .50	MAINS 1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
RACE SERIES 5M2908H STD, .025, .25	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
RACE SERIES 5M2908HX STD	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH



18 Continued ... 18

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1T2827A STD	THRUST	59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				
RB4159	PISTON PIN BUSH	21.539/.8480	25.000/.9843		25.10/.988	F100	RB4159
		21.641/.8520	25.021/.9851				

19 Engine Year Cyl Bore x Stroke 19
 4.108 1760cc Inline4 2v Diesel 06/1976 - 12/1978 L4 78.4mm x 88.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1030A STD, .25, .50	CONROD	50.787/1.9995	54.508/2.1460	1.835/.0722	22.35/.880	F810	1030A IH
		50.800/2.0000	54.521/2.1465				
3M1031A STD, .25	MAINS 1,2,3	57.099/2.2480	60.833/2.3950	1.836/.0723	31.88/1.255	F810	1031A UL
		57.112/2.2485	60.846/2.3955				
2T1031 STD	THRUST				2.29/.090	F817	1031T UL

20 Engine Year Cyl Bore x Stroke 20

192 A5.000 1910cc Inline4 DOHC 4v Turbo Diesel	11/2002 - 03/2010	L4	82.0mm x 90.4mm
192 B1.000 1910cc Inline4 DOHC 4v Turbo Diesel	11/2002 - 03/2010	L4	82.0mm x 90.4mm
937 A3.000 1910cc Inline4 DOHC 4v Turbo Diesel	07/2005 - 03/2010	L4	82.0mm x 90.4mm
937 A4.000 1910cc Inline4 DOHC 4v Turbo Diesel	09/2003 - 05/2006	L4	82.0mm x 90.4mm
937 A5.000 1910cc Inline4 DOHC 4v Turbo Diesel	11/2003 - 09/2010	L4	82.0mm x 90.4mm
939 A2.000 1910cc Inline4 DOHC 4v Turbo Diesel	09/2005 - 11/2011	L4	82.0mm x 90.4mm
939 A8.000 1910cc Inline4 DOHC 4v Turbo Diesel	09/2005 - 11/2011	L4	82.0mm x 90.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1B2830P STD, 010, 020	CONROD	<i>Contains one pair only.</i>		1.537/.0605	19.50/.768	F780	2830 IH
		50.787/1.9995	53.897/2.1219				
1M2884A STD, .25, .50	MAINS	<i>Contains one pair only.</i>		1.844/.0726	20.75/.817	F810	2884A UL
		59.986/2.3616	63.705/2.5081				
5M2884A STD, .25, .50	MAINS	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2884A UL
		60.000/2.3622	63.718/2.5086				
1T2884A STD	THRUST	67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
RB4160	PISTON PIN BUSH		28.939/1.1393		21.70/.854	F100	RB4160
			28.972/1.1406				

21 Engine Year Cyl Bore x Stroke 21

841 G.000 2387cc Inline5 DOHC 4v Turbo Diesel	10/2003 - 06/2007	L5	82.0mm x 90.4mm
841 H.000 2387cc Inline5 DOHC 4v Turbo Diesel	10/2003 - 06/2007	L5	82.0mm x 90.4mm
841 M.000 2387cc Inline5 DOHC 4v Turbo Diesel	06/2003 - 06/2007	L5	82.0mm x 90.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1B2830P STD, 010, 020	CONROD	<i>Contains one pair only.</i>		1.537/.0605	19.50/.768	F780	2830 IH
		50.787/1.9995	53.897/2.1219				
5B2830P STD, 010, 020	CONROD	50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				



21 Continued ...							21
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1M2884A STD, .25, .50	MAINS	<i>Contains one pair only.</i>		1.844/.0726	20.75/.817	F810	2884A UL
		59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086				
1T2884A STD	THRUST	67.785/2.6687	82.425/3.2451	2.49/.098	F817	2884T UL	
		68.040/2.6787	82.677/3.2550				
RB4160	PISTON PIN BUSH			28.939/1.1393 28.972/1.1406	21.70/.854	F100	RB4160

22 Engine				Year	Cyl	Bore x Stroke	22
937 A1.000 1970cc Inline4 DOHC 4v				03/2002 - 09/2010	L4	83.0mm x 90.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1B2830P STD, 010, 020	CONROD	<i>Contains one pair only.</i>		1.537/.0605	19.50/.768	F780	2830 IH
		50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224				
1M2884A STD, .25, .50	MAINS	<i>Contains one pair only.</i>		1.844/.0726	20.75/.817	F810	2884A UL
		59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086				
5M2884A STD, .25, .50	MAINS	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2884A UL
		60.000/2.3622	63.718/2.5086				
1T2884A STD	THRUST	67.785/2.6687	82.425/3.2451	2.49/.098	F817	2884T UL	
		68.040/2.6787	82.677/3.2550				

23 Engine				Year	Cyl	Bore x Stroke	23
937 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel				09/2005 - 11/2011	L4	82.0mm x 90.4mm	
937 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel				09/2005 - 11/2011	L4	82.0mm x 90.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1B2830P STD, 010, 020	CONROD	<i>Contains one pair only.</i>		1.537/.0605	19.50/.768	F780	2830 IH
		50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224				
1T2884A STD	THRUST	67.785/2.6687	82.425/3.2451	2.49/.098	F817	2884T UL	
		68.040/2.6787	82.677/3.2550				
RB4160	PISTON PIN BUSH			28.939/1.1393 28.972/1.1406	21.70/.854	F100	RB4160

24 Engine				Year	Cyl	Bore x Stroke	24
839 A6.000 2387cc Inline5 Turbo Diesel				10/2000 - 09/2007	L5	82.0mm x 90.4mm	
841 C.000 2387cc Inline5 Turbo Diesel				03/2002 - 06/2007	L5	82.0mm x 90.4mm	
AR32501 2387cc Inline5 SOHC 2v Turbo Diesel				09/1997 - 10/2000	L5	82.0mm x 90.4mm	
AR34202 2387cc Inline5 SOHC 2v Turbo Diesel				09/1998 - 10/2000	L5	82.0mm x 90.4mm	
AR36202 2387cc Inline5 SOHC 2v Turbo Diesel				10/2000 - 05/2002	L5	82.0mm x 90.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1B2830P STD, 010, 020	CONROD	<i>Contains one pair only.</i>		1.537/.0605	19.50/.768	F780	2830 IH
		50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224				
5B2830P STD, 010, 020	CONROD	50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
6M2885A STD, .25, .50	MAINS	1,2,3,4,5,6	59.986/2.3616 60.000/2.3622	1.844/.0726	20.75/.817	F810	2885A IH
			63.705/2.5081 63.718/2.5086				



24 Continued ... 24

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
THRUST							
1T2884A STD		67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
PISTON PIN BUSH							
RB4160			28.939/1.1393		21.70/.854	F100	RB4160
			28.972/1.1406				

25 Engine Year Cyl Bore x Stroke 25

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B3040A STD, .25, .50		41.988/1.6531	45.127/1.7767	1.548/.0609	19.00/.748	F810	3040A IH
		42.008/1.6539	45.140/1.7772				
MAINS <i>Set includes 2 thrustwashers.</i>							
5M3041A STD, .25, .50	1,2,3,4,5	47.980/1.8890	51.705/2.0356	1.841/.0725	19.00/.748	F810	3041A U
		48.000/1.8898	51.718/2.0361				
	3	52.000/2.0472	68.766/2.7073				
		52.200/2.0551	69.020/2.7173		2.33/.092	F817	3041T UL
MAINS <i>Has flanged thrust bearing.</i>							
5M3044A STD, .25, .50	1,2,3,4,5	47.980/1.8890	51.705/2.0356	1.848/.0728	19.00/.748	F810	3041A L
		48.000/1.8898	51.718/2.0361				
	1,2,4,5	47.980/1.8890	51.705/2.0356	1.841/.0725	19.00/.748	F810	3041A U
		48.000/1.8898	51.718/2.0361				
	3	47.980/1.8890	51.705/2.0356	1.848/.0728	23.95/.943	F810	3044A U
		48.000/1.8898	51.718/2.0361				
MAINS <i>Overwidth flange version of 5M3044A. Flange size is Std + .010"</i>							
5M3045A STD, .25, .50	1,2,3,4,5	47.980/1.8890	51.705/2.0356	1.848/.0728	19.00/.748	F810	3041A L
		48.000/1.8898	51.718/2.0361				
	1,2,4,5	47.980/1.8890	51.705/2.0356	1.841/.0725	19.00/.748	F810	3041A U
		48.000/1.8898	51.718/2.0361				
	3	47.980/1.8890	51.705/2.0356	1.848/.0728	24.20/.953	F810	3045A U
		48.000/1.8898	51.718/2.0361				



American Motors

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
150ci Inline4 OHV 2v	01/1983 - 12/1989	L4	2464	150	4
199ci Inline6 OHV 2v	01/1965 - 12/1970	L6	3261	199	3
232ci Inline6 OHV 2v	01/1964 - 12/1979	L6	3801	232	3
258ci Inline6 OHV 2v	01/1970 - 12/1988	L6	4227	258	3
290ci V8 OHV 2v	01/1966 - 12/1969	V8	4752	290	1
304ci V8 OHV 2v	01/1970 - 12/1979	V8	4981	304	1
343ci V8 OHV 2v	01/1967 - 12/1969	V8	5620	343	1
360ci V8 OHV 2v	01/1970 - 12/1991	V8	5899	360	1
390ci V8 OHV 2v	01/1968 - 12/1991	V8	6390	390	2
401ci V8 OHV 2v	01/1970 - 12/1991	V8	6571	401	2

American Motors



1	Engine	Year	Cyl	Bore x Stroke	1
	290ci V8 OHV 2v	01/1966 - 12/1969	V8	3.75in x 3.28in	
	304ci V8 OHV 2v	01/1970 - 12/1979	V8	3.75in x 3.44in	
	343ci V8 OHV 2v	01/1967 - 12/1969	V8	4.08in x 3.28in	
	360ci V8 OHV 2v	01/1970 - 12/1991	V8	4.08in x 3.44in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B960A STD, 01, 10, 20, 30, 40		53.208/2.0948	56.083/2.2080	1.425/.0561	21.26/.837	F810	1480A
		53.226/2.0955	56.096/2.2085				IH
MAINS <i>Fully Grooved.</i>							
5M1041A STD, 010, 020, 030, 040	1,2,4,5	69.804/2.7482	74.701/2.9410	2.433/.0958	23.57/.928	F810	1482A
		69.822/2.7489	74.727/2.9420				U
	1,2,4,5	69.804/2.7482	74.701/2.9410	2.433/.0958	23.57/.928	F810	1484A
		69.822/2.7489	74.727/2.9420				L
	3	69.804/2.7482	74.701/2.9410	2.433/.0958	32.26/1.270	F810	1483A(F)
		69.822/2.7489	74.727/2.9420				UL
CAMS							
5C671S STD, 010	1	53.835/2.1195	57.036/2.2455	1.580/.0622	23.50/.925	F23	N-9-1
		53.861/2.1205	57.061/2.2465				
	2	53.073/2.0895	56.274/2.2155	1.580/.0622	16.00/.630	F23	N-8-2
		53.099/2.0905	56.299/2.2165				
	3	52.311/2.0595	55.512/2.1855	1.580/.0622	16.00/.630	F23	N-8-3
		52.337/2.0605	55.537/2.1865				
	4	51.549/2.0295	54.750/2.1555	1.580/.0622	16.00/.630	F23	N-8-4
		51.575/2.0305	54.775/2.1565				
	5	50.787/1.9995	53.988/2.1255	1.580/.0622	16.00/.630	F23	N-8-5
		50.813/2.0005	54.013/2.1265				

2	Engine	Year	Cyl	Bore x Stroke	2
	390ci V8 OHV 2v	01/1968 - 12/1991	V8	4.17in x 3.57in	
	401ci V8 OHV 2v	01/1970 - 12/1991	V8	4.17in x 3.68in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Fully Grooved.</i>							
5M1041A STD, 010, 020, 030, 040	1,2,4,5	69.804/2.7482	74.701/2.9410	2.433/.0958	23.57/.928	F810	1484A
		69.822/2.7489	74.727/2.9420				L
	1,2,4,5	69.804/2.7482	74.701/2.9410	2.433/.0958	23.57/.928	F810	1482A
		69.822/2.7489	74.727/2.9420				U
	3	69.804/2.7482	74.701/2.9410	2.433/.0958	32.26/1.270	F810	1483A(F)
		69.822/2.7489	74.727/2.9420				UL
CAMS							
5C671S STD, 010	1	53.835/2.1195	57.036/2.2455	1.580/.0622	23.50/.925	F23	N-9-1
		53.861/2.1205	57.061/2.2465				
	2	53.073/2.0895	56.274/2.2155	1.580/.0622	16.00/.630	F23	N-8-2
		53.099/2.0905	56.299/2.2165				
	3	52.311/2.0595	55.512/2.1855	1.580/.0622	16.00/.630	F23	N-8-3
		52.337/2.0605	55.537/2.1865				
	4	51.549/2.0295	54.750/2.1555	1.580/.0622	16.00/.630	F23	N-8-4
		51.575/2.0305	54.775/2.1565				
	5	50.787/1.9995	53.988/2.1255	1.580/.0622	16.00/.630	F23	N-8-5
		50.813/2.0005	54.013/2.1265				

3	Engine	Year	Cyl	Bore x Stroke	3
	199ci Inline6 OHV 2v	01/1965 - 12/1970	L6	3.75in x 3.00in	
	232ci Inline6 OHV 2v	01/1964 - 12/1979	L6	3.75in x 3.50in	
	258ci Inline6 OHV 2v	01/1970 - 12/1988	L6	3.75in x 3.90in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B960A STD, 001, 10, 20, 30, 40		53.208/2.0948	56.083/2.2080	1.425/.0561	21.26/.837	F810	1480A
		53.226/2.0955	56.096/2.2085				IH



3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
7M704A STD, 10, 20, 30, 40	MAINS						
	1,2,4,5,6,7	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/.0953	25.04/.986	F810	8872A UL
	3	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/.0953	32.26/1.270	F810	8873A(F) UL
	CAMS <i>Full round cam.</i>						
4C549S STD	1	51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.575/.0620	17.65/.695	F23	8886
	2	51.295/2.0195 51.321/2.0205	54.496/2.1455 54.521/2.1465	1.575/.0620	17.65/.695	F23	8887
	3	51.041/2.0095 51.067/2.0105	54.242/2.1355 54.267/2.1365	1.575/.0620	17.65/.695	F23	8888
	4	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.575/.0620	17.65/.695	F23	8889

4 Engine				Year	Cyl	Bore x Stroke	4
150ci Inline4 OHV 2v				01/1983 - 12/1989	L4	3.88in x 3.19in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B960A STD, 001, 010, 020, 030, 040	CONROD						
		53.208/2.0948 53.226/2.0955	56.083/2.2080 56.096/2.2085	1.425/.0561	21.26/.837	F810	1480A IH
5M1568A STD, 010, 020, 030	MAINS						
	1,2,4,5	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/.0953	25.04/.986	F810	8872A UL
	3	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/.0953	32.26/1.270	F810	8873A(F) UL
4C549S STD	CAMS <i>Full round cam.</i>						
	1	51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.575/.0620	17.65/.695	F23	8886
	2	51.295/2.0195 51.321/2.0205	54.496/2.1455 54.521/2.1465	1.575/.0620	17.65/.695	F23	8887
	3	51.041/2.0095 51.067/2.0105	54.242/2.1355 54.267/2.1365	1.575/.0620	17.65/.695	F23	8888
	4	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.575/.0620	17.65/.695	F23	8889

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
HB 1093cc Inline4 SOHC 2v	08/1974 - 07/1978	L4	1093	66	63
HC 1093cc Inline4 SOHC 2v	08/1974 - 07/1977	L4	1093	66	63
HD 1093cc Inline4 SOHC 2v	08/1976 - 07/1978	L4	1093	66	63
ANY 1191cc Inline3 SOHC 2v Turbo Diesel	03/2001 - 08/2005	L3	1191	72	66
FY 1272cc Inline4 SOHC 2v	08/1978 - 07/1981	L4	1272	77	64
FZ 1272cc Inline4 SOHC 2v	08/1978 - 07/1981	L4	1272	77	64
HH 1272cc Inline4 SOHC 2v	08/1977 - 07/1978	L4	1272	77	64
HJ 1272cc Inline4 SOHC 2v	01/1977 - 07/1978	L4	1272	77	64
EP 1297cc Inline4 SOHC 2v	09/1978 - 07/1986	L4	1297	79	65
ZA 1297cc Inline4 SOHC 2v	05/1972 - 07/1978	L4	1297	79	82
ZF 1297cc Inline4 SOHC 2v	05/1972 - 07/1978	L4	1297	79	82
AUA 1390cc Inline4 DOHC 4v	02/2000 - 08/2005	L4	1390	84	70
BBY 1390cc Inline4 DOHC 4v	02/2000 - 08/2005	L4	1390	84	70
CAXA 1390cc Inline4 DOHC 4v Turbo	05/2010 - On	L4	1390	84	71
CAXC 1390cc Inline4 DOHC 4v Turbo	09/2007 - On	L4	1390	84	71
CNVA 1390cc Inline4 DOHC 4v Turbo	05/2010 - On	L4	1390	84	71
AMF 1422cc Inline3 SOHC 2v Turbo Diesel	02/2000 - 08/2005	L3	1422	86	67
ATL 1422cc Inline3 SOHC 2v Turbo Diesel	11/2003 - 08/2005	L3	1422	86	67
BHC 1422cc Inline3 SOHC 2v Turbo Diesel	02/2000 - 08/2005	L3	1422	86	67
XW 1471cc Inline4 SOHC 2v	10/1973 - 08/1974	L4	1471	89	22
YJ 1471cc Inline4 SOHC 2v	05/1972 - 08/1975	L4	1471	89	22
ZB 1471cc Inline4 SOHC 2v	05/1972 - 08/1975	L4	1471	89	22
ZC 1471cc Inline4 SOHC 2v	05/1972 - 07/1976	L4	1471	89	22
1500N 1496cc Inline4 SOHC 2v	01/1969 - 12/1976	L4	1496	91	62
CR 1588cc Inline4 SOHC 2v Diesel	08/1980 - 07/1982	L4	1588	96	80
CY 1588cc Inline4 SOHC 2v Turbo Diesel	08/1981 - 03/1987	L4	1588	96	80
FS 1588cc Inline4 SOHC 2v	01/1976 - 07/1978	L4	1588	96	14
JK 1588cc Inline4 SOHC 2v Diesel	08/1982 - 07/1989	L4	1588	96	81
RA 1588cc Inline4 SOHC 2v Turbo Diesel	09/1986 - 09/1991	L4	1588	96	68
SB 1588cc Inline4 SOHC 2v Turbo Diesel	09/1986 - 08/1991	L4	1588	96	68
WV 1588cc Inline4 SOHC 2v	08/1981 - 07/1983	L4	1588	96	14
XX 1588cc Inline4 SOHC 2v	09/1973 - 08/1975	L4	1588	96	14
YK 1588cc Inline4 SOHC 2v	09/1975 - 08/1979	L4	1588	96	14
YM 1588cc Inline4 SOHC 2v	01/1975 - 07/1976	L4	1588	96	14
YN 1588cc Inline4 SOHC 2v	10/1974 - 12/1983	L4	1588	96	14
YP 1588cc Inline4 SOHC 2v	09/1975 - 02/1983	L4	1588	96	14
YS 1588cc Inline4 SOHC 2v	09/1975 - 07/1978	L4	1588	96	14
YT 1588cc Inline4 SOHC 2v	08/1978 - 01/1979	L4	1588	96	14
YV 1588cc Inline4 SOHC 2v	08/1976 - 07/1982	L4	1588	96	14
YY 1588cc Inline4 SOHC 2v	08/1978 - 07/1981	L4	1588	96	14
YZ 1588cc Inline4 SOHC 2v	08/1978 - 12/1986	L4	1588	96	14
ABB 1595cc Inline4 SOHC 2v	08/1990 - 07/1993	L4	1595	97	34
ABM 1595cc Inline4 SOHC 2v	01/1992 - 06/1994	L4	1595	97	34
ADA 1595cc Inline4 SOHC 2v	06/1993 - 07/1995	L4	1595	97	34
ADP 1595cc Inline4 SOHC 2v	11/1994 - 10/1996	L4	1595	97	35
AEH 1595cc Inline4 SOHC 2v	09/1996 - 05/2003	L4	1595	97	17
AKL 1595cc Inline4 SOHC 2v	09/1996 - 06/2003	L4	1595	97	17
ALZ 1595cc Inline4 SOHC 2v	06/2000 - 06/2008	L4	1595	97	41
ANA 1595cc Inline4 SOHC 2v	11/1994 - 09/2001	L4	1595	97	41
APF 1595cc Inline4 SOHC 2v	09/1996 - 05/2003	L4	1595	97	37
ARM 1595cc Inline4 SOHC 2v	11/1994 - 09/2001	L4	1595	97	79
AVU 1595cc Inline4 SOHC 2v	08/1997 - 06/2003	L4	1595	97	41
BFQ 1595cc Inline4 SOHC 2v	05/2002 - 06/2003	L4	1595	97	41
BGU 1595cc Inline4 SOHC 2v	08/2003 - 05/2005	L4	1595	97	41
BSE 1595cc Inline4 SOHC 2v	06/2005 - 06/2010	L4	1595	97	41
BSF 1595cc Inline4 SOHC 2v	06/2005 - 06/2010	L4	1595	97	41
CMXA 1595cc Inline4 SOHC 2v	06/2010 - 07/2012	L4	1595	97	41
DT 1595cc Inline4 SOHC 2v	08/1983 - 03/1987	L4	1595	97	47



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
JU 1595cc Inline4 SOHC 2v	08/1983 - 03/1987	L4	1595	97	47
PP 1595cc Inline4 SOHC 2v	03/1987 - 12/1991	L4	1595	97	33
RN 1595cc Inline4 SOHC 2v	08/1986 - 12/1991	L4	1595	97	33
SA 1595cc Inline4 SOHC 2v	02/1986 - 03/1987	L4	1595	97	50
BAD 1598cc Inline4 DOHC 4v	05/2002 - 08/2005	L4	1598	97	72
BLF 1598cc Inline4 DOHC 4v	01/2005 - 09/2007	L4	1598	97	72
BLP 1598cc Inline4 DOHC 4v	06/2004 - 12/2004	L4	1598	97	72
CAYB 1598cc Inline4 DOHC 4v Turbo Diesel	05/2009 - On	L4	1598	97	77
CAYC 1598cc Inline4 DOHC 4v Turbo Diesel	05/2009 - On	L4	1598	97	77
CCSA 1598cc Inline4 SOHC 2v	05/2003 - On	L4	1598	97	41
1700N 1697cc Inline4 SOHC 2v	01/1965 - 12/1976	L4	1697	103	62
JF 1716cc Inline4 SOHC 2v	01/1982 - 07/1984	L4	1716	104	14
WT 1716cc Inline4 SOHC 2v	08/1980 - 12/1983	L4	1716	104	14
ZV 1716cc Inline4 SOHC 2v	01/1982 - 12/1983	L4	1716	104	14
1800S,1800N 1760cc Inline4 SOHC 2v	01/1966 - 01/1992	L4	1760	107	62
ZX 1760cc Inline4 SOHC 2v	11/1968 - 11/1971	L4	1760	107	62
ZZ 1760cc Inline4 SOHC 2v	08/1968 - 02/1974	L4	1760	107	62
4B 1781cc Inline4 SOHC 2v	03/1985 - 12/1990	L4	1781	108	32
ADR 1781cc Inline4 DOHC 5v	11/1994 - 08/2000	L4	1781	108	87
AEB 1781cc Inline4 DOHC 5v Turbo	01/1995 - 01/1999	L4	1781	108	88
AFY 1781cc Inline4 SOHC 2v	07/1995 - 01/2005	L4	1781	108	2
AGN 1781cc Inline4 DOHC 5v	09/1996 - 07/2004	L4	1781	108	38
AGU 1781cc Inline4 DOHC 5v Turbo	12/1996 - 07/2004	L4	1781	108	40
AJL 1781cc Inline4 DOHC 5v Turbo	08/1997 - 01/2005	L4	1781	108	89
AJP 1781cc Inline4 SOHC 2v	12/1997 - 01/2005	L4	1781	108	36
AJQ 1781cc Inline4 DOHC 5v Turbo	10/1998 - 06/2006	L4	1781	108	39
AMB 1781cc Inline4 DOHC 5v Turbo	07/2001 - 12/2004	L4	1781	108	19
AMK 1781cc Inline4 DOHC 5v Turbo	09/2000 - 04/2002	L4	1781	108	39
ANB 1781cc Inline4 DOHC 5v Turbo	01/1995 - 01/2005	L4	1781	108	78
APG 1781cc Inline4 DOHC 5v	11/1999 - 06/2003	L4	1781	108	38
APP 1781cc Inline4 DOHC 5v Turbo	12/1998 - 06/2006	L4	1781	108	39
APT 1781cc Inline4 DOHC 5v	01/1995 - 12/2001	L4	1781	108	2
APU 1781cc Inline4 DOHC 5v Turbo	01/1995 - 01/2005	L4	1781	108	40
APX 1781cc Inline4 DOHC 5v Turbo	10/1998 - 08/2001	L4	1781	108	20
APY 1781cc Inline4 DOHC 5v Turbo	11/1998 - 08/2000	L4	1781	108	39
AQA 1781cc Inline4 DOHC 5v Turbo	08/1998 - 04/2001	L4	1781	108	39
AQE 1781cc Inline4 DOHC 5v	07/1997 - 01/2005	L4	1781	108	36
ARG 1781cc Inline4 DOHC 5v	01/1995 - 09/2001	L4	1781	108	2
ARH 1781cc Inline4 DOHC 5v	07/1997 - 01/2005	L4	1781	108	36
ARK 1781cc Inline4 DOHC 5v Turbo	07/1998 - 07/1999	L4	1781	108	42
ARX 1781cc Inline4 DOHC 5v Turbo	09/2000 - 06/2003	L4	1781	108	19
ARY 1781cc Inline4 DOHC 5v Turbo	10/1998 - 12/2006	L4	1781	108	21
ARZ 1781cc Inline4 DOHC 5v Turbo	12/1996 - 05/2003	L4	1781	108	40
AUL 1781cc Inline4 DOHC 5v Turbo	09/1999 - 04/2001	L4	1781	108	39
AUM 1781cc Inline4 DOHC 5v Turbo	12/1996 - 06/2006	L4	1781	108	21
AUQ 1781cc Inline4 DOHC 5v Turbo	10/1998 - 06/2006	L4	1781	108	21
AVJ 1781cc Inline4 DOHC 5v Turbo	12/2000 - 06/2002	L4	1781	108	19
AVV 1781cc Inline4 DOHC 5v	01/1995 - 10/2005	L4	1781	108	43
AWT 1781cc Inline4 DOHC 5v Turbo	01/1995 - 01/2005	L4	1781	108	21
BAM 1781cc Inline4 DOHC 5v Turbo	05/1999 - 06/2006	L4	1781	108	20
BEX 1781cc Inline4 DOHC 5v Turbo	11/2002 - 12/2004	L4	1781	108	19
BFB 1781cc Inline4 DOHC 5v Turbo	07/2002 - 03/2008	L4	1781	108	19
BFV 1781cc Inline4 DOHC 5v Turbo	03/2005 - 06/2006	L4	1781	108	39
DD 1781cc Inline4 SOHC 2v	08/1981 - 07/1983	L4	1781	108	44
DR 1781cc Inline4 SOHC 2v	05/1982 - 10/1986	L4	1781	108	45
DS 1781cc Inline4 SOHC 2v	08/1982 - 07/1989	L4	1781	108	1
DZ 1781cc Inline4 SOHC 2v	01/1983 - 12/1991	L4	1781	108	1
JN 1781cc Inline4 SOHC 2v	01/1983 - 12/1991	L4	1781	108	1

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
JV 1781cc Inline4 SOHC 2v	08/1983 - 07/1988	L4	1781	108	1
JW 1781cc Inline4 SOHC 2v	03/1983 - 12/1990	L4	1781	108	46
MG 1781cc Inline4 SOHC 2v	08/1985 - 03/1987	L4	1781	108	48
MU 1781cc Inline4 SOHC 2v	06/1984 - 03/1987	L4	1781	108	48
NE 1781cc Inline4 SOHC 2v	08/1984 - 12/1991	L4	1781	108	49
NP 1781cc Inline4 SOHC 2v	10/1984 - 12/1990	L4	1781	108	32
PH 1781cc Inline4 SOHC 2v	04/1985 - 12/1990	L4	1781	108	32
PM 1781cc Inline4 SOHC 2v	03/1988 - 12/1991	L4	1781	108	33
PV 1781cc Inline4 SOHC 2v	03/1985 - 07/1988	L4	1781	108	49
RS 1781cc Inline4 SOHC 2v	08/1982 - 12/1987	L4	1781	108	32
RU 1781cc Inline4 SOHC 2v	10/1986 - 01/1990	L4	1781	108	33
SF 1781cc Inline4 SOHC 2v	02/1986 - 07/1990	L4	1781	108	33
SH 1781cc Inline4 SOHC 2v	02/1986 - 07/1990	L4	1781	108	33
SD 1847cc Inline4 SOHC 2v	09/1986 - 04/1989	L4	1847	112	33
1900S 1871cc Inline4 SOHC 2v	01/1970 - 12/1976	L4	1871	114	62
ZJ 1871cc Inline4 SOHC 2v	08/1971 - 12/1976	L4	1871	114	62
ZP 1871cc Inline4 SOHC 2v	07/1970 - 07/1971	L4	1871	114	62
1Y 1896cc Inline4 SOHC 2v Diesel	08/1989 - 12/1991	L4	1896	115	69
1Z 1896cc Inline4 SOHC 2v Turbo Diesel	09/1991 - 09/2001	L4	1896	115	23
AAZ 1896cc Inline4 SOHC 2v Turbo Diesel	09/1991 - 07/1995	L4	1896	115	23
AFF 1896cc Inline4 SOHC 2v Turbo Diesel	12/1995 - 09/2001	L4	1896	115	23
AFN 1896cc Inline4 SOHC 2v Turbo Diesel	02/1996 - 04/2001	L4	1896	115	24
AGR 1896cc Inline4 SOHC 2v Turbo Diesel	09/1996 - 07/2001	L4	1896	115	23
AHF 1896cc Inline4 SOHC 2v Turbo Diesel	01/1997 - 04/2002	L4	1896	115	24
AHH 1896cc Inline4 SOHC 2v Turbo Diesel	01/1995 - 09/2001	L4	1896	115	23
AHU 1896cc Inline4 SOHC 2v Turbo Diesel	06/1994 - 09/2001	L4	1896	115	73
AJM 1896cc Inline4 SOHC 2v Turbo Diesel	01/1998 - 01/2005	L4	1896	115	25
ALH 1896cc Inline4 SOHC 2v Turbo Diesel	08/1997 - 06/2001	L4	1896	115	23
ASV 1896cc Inline4 SOHC 2v Turbo Diesel	08/1997 - 04/2002	L4	1896	115	24
ASZ 1896cc Inline4 SOHC 2v Turbo Diesel	05/2000 - 06/2003	L4	1896	115	26
ATD 1896cc Inline4 SOHC 2v Turbo Diesel	10/2000 - 05/2003	L4	1896	115	25
ATJ 1896cc Inline4 SOHC 2v Turbo Diesel	03/2000 - 09/2001	L4	1896	115	74
AVB 1896cc Inline4 SOHC 2v Turbo Diesel	05/2001 - 12/2004	L4	1896	115	75
AVF 1896cc Inline4 SOHC 2v Turbo Diesel	12/2000 - 01/2005	L4	1896	115	27
AVG 1896cc Inline4 SOHC 2v Turbo Diesel	10/1995 - 09/2001	L4	1896	115	24
AWX 1896cc Inline4 SOHC 2v Turbo Diesel	12/2000 - 01/2005	L4	1896	115	27
AXR 1896cc Inline4 SOHC 2v Turbo Diesel	10/2000 - 05/2003	L4	1896	115	76
BKC 1896cc Inline4 SOHC 2v Turbo Diesel	05/2003 - 05/2010	L4	1896	115	77
BKE 1896cc Inline4 SOHC 2v Turbo Diesel	06/2004 - 06/2008	L4	1896	115	27
BLS 1896cc Inline4 SOHC 2v Turbo Diesel	05/2003 - 05/2010	L4	1896	115	77
BRB 1896cc Inline4 SOHC 2v Turbo Diesel	11/2004 - 06/2008	L4	1896	115	27
BXE 1896cc Inline4 SOHC 2v Turbo Diesel	05/2003 - 05/2010	L4	1896	115	77
WH 1921cc Inline5 SOHC 2v	01/1980 - 07/1984	L5	1921	117	6
WN 1921cc Inline5 SOHC 2v	08/1980 - 07/1983	L5	1921	117	7
AZV 1968cc Inline4 DOHC 4v Turbo Diesel	05/2003 - 04/2008	L4	1968	120	51
BKD 1968cc Inline4 DOHC 4v Turbo Diesel	05/2003 - 04/2008	L4	1968	120	51
BLB 1968cc Inline4 DOHC 4v Turbo Diesel	07/2004 - 10/2008	L4	1968	120	51
BMM 1968cc Inline4 SOHC 2v Turbo Diesel	06/2005 - 06/2008	L4	1968	120	52
BMN 1968cc Inline4 DOHC 4v Turbo Diesel	03/2006 - 08/2012	L4	1968	120	52
BNA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2004 - 10/2008	L4	1968	120	51
BPW 1968cc Inline4 SOHC 2v Turbo Diesel	11/2004 - 03/2009	L4	1968	120	52
BRC 1968cc Inline4 SOHC 2v Turbo Diesel	01/2006 - 03/2009	L4	1968	120	52
BRE 1968cc Inline4 DOHC 4v Turbo Diesel	11/2004 - 10/2008	L4	1968	120	51
BRF 1968cc Inline4 DOHC 4v Turbo Diesel	11/2004 - 10/2008	L4	1968	120	51
BUY 1968cc Inline4 DOHC 4v Turbo Diesel	06/2006 - 06/2008	L4	1968	120	51
BVA 1968cc Inline4 DOHC 4v Turbo Diesel	06/2006 - 06/2008	L4	1968	120	51
BVF 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - 11/2006	L4	1968	120	51
BVG 1968cc Inline4 DOHC 4v Turbo Diesel	09/2005 - 10/2008	L4	1968	120	51



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
CAGA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	1968	120	52
CAGB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	1968	120	52
CAGC 1968cc Inline4 DOHC 4v Turbo Diesel	06/2008 - On	L4	1968	120	52
CAHA 1968cc Inline4 DOHC 4v Turbo Diesel	01/2008 - On	L4	1968	120	52
CAHB 1968cc Inline4 DOHC 4v Turbo Diesel	08/2008 - On	L4	1968	120	52
CBAA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2008 - 05/2010	L4	1968	120	52
CBAB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2008 - 05/2010	L4	1968	120	52
CBBB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2008 - On	L4	1968	120	52
CFAA 1968cc Inline4 DOHC 4v Turbo Diesel	05/2003 - On	L4	1968	120	52
CFFB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2009 - On	L4	1968	120	52
CFGB 1968cc Inline4 DOHC 4v Turbo Diesel	02/2010 - 08/2012	L4	1968	120	52
CFHD 1968cc Inline4 DOHC 4v Turbo Diesel	09/2011 - On	L4	1968	120	52
CGLA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2008 - On	L4	1968	120	52
CGLB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2008 - On	L4	1968	120	52
CGLC 1968cc Inline4 DOHC 4v Turbo Diesel	03/2011 - On	L4	1968	120	52
CGLD 1968cc Inline4 DOHC 4v Turbo Diesel	03/2011 - On	L4	1968	120	52
CJCA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2010 - On	L4	1968	120	52
CJCB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2010 - On	L4	1968	120	52
CLJA 1968cc Inline4 DOHC 4v Turbo Diesel	02/2010 - 08/2012	L4	1968	120	52
CMEA 1968cc Inline4 DOHC 4v Turbo Diesel	09/2009 - On	L4	1968	120	52
CMGB 1968cc Inline4 DOHC 4v Turbo Diesel	03/2011 - On	L4	1968	120	52
3A 1984cc Inline4 SOHC 2v	08/1988 - 12/1990	L4	1984	121	3
6A 1984cc Inline4 DOHC 4v	01/1990 - 07/1992	L4	1984	121	3
AAD 1984cc Inline4 SOHC 2v	08/1990 - 12/1992	L4	1984	121	59
AAE 1984cc Inline4 SOHC 2v	12/1990 - 06/1996	L4	1984	121	59
ABK 1984cc Inline4 SOHC 2v	08/1991 - 12/1998	L4	1984	121	59
ABT 1984cc Inline4 SOHC 2v	09/1991 - 06/1995	L4	1984	121	59
ACE 1984cc Inline4 DOHC 4v	01/1992 - 10/1997	L4	1984	121	58
ADW 1984cc Inline4 SOHC 2v	11/1993 - 10/1997	L4	1984	121	59
ALT 1984cc Inline 4 DOHC 5v	12/2000 - 06/2008	L4	1984	121	18
AWA 1984cc Inline4 DOHC 5v	07/2002 - 12/2004	L4	1984	121	18
AXW 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	1984	121	18
AXX 1984cc Inline4 DOHC 4v Turbo	09/2004 - 10/2006	L4	1984	121	18
BGB 1984cc Inline4 DOHC 4v Turbo	11/2004 - 03/2008	L4	1984	121	18
BLR 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	1984	121	18
BLX 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	1984	121	18
BLY 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	1984	121	18
BMB 1984cc Inline4 DOHC 4v	01/2004 - 01/2005	L4	1984	121	18
BPG 1984cc Inline4 DOHC 4v Turbo	11/2004 - 05/2006	L4	1984	121	18
BPJ 1984cc Inline4 DOHC 4v Turbo	06/2005 - 08/2011	L4	1984	121	18
BPY 1984cc Inline4 DOHC 4v Turbo	11/2005 - 05/2009	L4	1984	121	18
BUL 1984cc Inline4 DOHC 4v Turbo	06/2005 - 06/2008	L4	1984	121	18
BVY 1984cc Inline4 DOHC 4v	11/2005 - 01/2007	L4	1984	121	18
BVZ 1984cc Inline4 DOHC 4v	11/2005 - 01/2007	L4	1984	121	18
BWA 1984cc Inline4 DOHC 4v Turbo	11/2004 - On	L4	1984	121	18
BWE 1984cc Inline4 DOHC 4v Turbo	09/2005 - On	L4	1984	121	18
BWT 1984cc Inline4 DOHC 4v Turbo	06/2006 - 03/2008	L4	1984	121	18
BYK 1984cc Inline4 DOHC 4v Turbo	10/2006 - 08/2011	L4	1984	121	18
CDLA 1984cc Inline4 DOHC 4v Turbo	05/2008 - On	L4	1984	121	83
CDLC 1984cc Inline4 DOHC 4v Turbo	07/2008 - 07/2012	L4	1984	121	83
CN 1986cc Inline5 SOHC 2v Diesel	01/1978 - 07/1989	L5	1986	121	12
DE 1986cc Inline5 SOHC 2v Turbo Diesel	01/1981 - 12/1987	L5	1986	121	12
NC 1986cc Inline5 SOHC 2v Turbo Diesel	03/1988 - 12/1990	L5	1986	121	12
HP 1994cc Inline5 SOHC 2v	08/1983 - 03/1987	L5	1994	121	9
JL 1994cc Inline5 SOHC 2v	08/1983 - 07/1988	L5	1994	121	9
JS 1994cc Inline5 SOHC 2v	08/1982 - 07/1988	L5	1994	121	9
KP 1994cc Inline5 SOHC 2v	08/1984 - 12/1987	L5	1994	121	8
NM 1994cc Inline5 DOHC 4v	01/1988 - 12/1991	L5	1994	121	11

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
PS 1994cc Inline5 SOHC 2v	04/1987 - 12/1991	L5	1994	121	11
RT 1994cc Inline5 SOHC 2v	01/1988 - 12/1990	L5	1994	121	55
SK 1994cc Inline5 SOHC 2v	02/1986 - 03/1987	L5	1994	121	55
SL 1994cc Inline5 SOHC 2v	02/1986 - 12/1987	L5	1994	121	55
GV 2144cc Inline5 SOHC 2v Turbo	07/1980 - 07/1987	L5	2144	130	10
JY 2144cc Inline5 SOHC 2v Turbo	08/1983 - 01/1988	L5	2144	130	10
KE 2144cc Inline5 SOHC 2v	08/1981 - 12/1984	L5	2144	130	16
KF 2144cc Inline5 SOHC 2v	08/1982 - 07/1984	L5	2144	130	6
KG 2144cc Inline5 SOHC 2v Turbo	05/1982 - 01/1988	L5	2144	130	10
KH 2144cc Inline5 SOHC 2v	08/1983 - 07/1985	L5	2144	130	7
KJ 2144cc Inline5 SOHC 2v Turbo	08/1981 - 09/1982	L5	2144	130	29
KK 2144cc Inline5 SOHC 2v	08/1982 - 07/1984	L5	2144	130	6
KL 2144cc Inline5 SOHC 2v	08/1982 - 07/1984	L5	2144	130	6
KW 2144cc Inline5 DOHC 4v Turbo	05/1984 - 07/1987	L5	2144	130	28
WB 2144cc Inline5 SOHC 2v	04/1978 - 07/1984	L5	2144	130	15
WC 2144cc Inline5 SOHC 2v	08/1976 - 07/1984	L5	2144	130	15
WD 2144cc Inline5 SOHC 2v	06/1977 - 09/1982	L5	2144	130	31
WE 2144cc Inline5 SOHC 2v	01/1977 - 07/1984	L5	2144	130	30
WG 2144cc Inline5 SOHC 2v	08/1976 - 07/1980	L5	2144	130	30
WJ 2144cc Inline5 SOHC 2v Turbo	01/1979 - 08/1982	L5	2144	130	5
WK 2144cc Inline5 SOHC 2v	10/1979 - 09/1982	L5	2144	130	29
WR 2144cc Inline5 SOHC 2v Turbo	07/1980 - 07/1987	L5	2144	130	10
WS 2144cc Inline5 SOHC 2v Turbo	08/1980 - 12/1981	L5	2144	130	5
WU 2144cc Inline5 SOHC 2v	08/1982 - 07/1984	L5	2144	130	6
WX 2144cc Inline5 SOHC 2v Turbo	02/1982 - 07/1989	L5	2144	130	10
1B 2226cc Inline5 SOHC 2v Turbo	01/1988 - 12/1990	L5	2226	135	7
2B 2226cc Inline5 SOHC 2v Turbo	02/1988 - 12/1990	L5	2226	135	7
3B 2226cc Inline5 DOHC 4v Turbo	01/1989 - 12/1996	L5	2226	135	53
AAN 2226cc Inline5 DOHC 4v Turbo	08/1991 - 08/1997	L5	2226	135	53
ABY 2226cc Inline5 DOHC 4v Turbo	10/1992 - 12/1995	L5	2226	135	53
ADU 2226cc Inline5 DOHC 4v Turbo	03/1994 - 07/1995	L5	2226	135	53
HX 2226cc Inline5 SOHC 2v	08/1984 - 11/1990	L5	2226	135	28
HY 2226cc Inline5 SOHC 2v	06/1984 - 07/1988	L5	2226	135	56
JT 2226cc Inline5 SOHC 2v	11/1983 - 12/1987	L5	2226	135	8
KM 2226cc Inline5 SOHC 2v	09/1982 - 07/1985	L5	2226	135	54
KU 2226cc Inline5 SOHC 2v	08/1984 - 12/1990	L5	2226	135	8
KV 2226cc Inline5 SOHC 2v	06/1984 - 12/1991	L5	2226	135	8
KX 2226cc Inline5 SOHC 2v	07/1981 - 07/1988	L5	2226	135	9
KZ 2226cc Inline5 SOHC 2v	08/1984 - 09/1986	L5	2226	135	8
MB 2226cc Inline5 SOHC 2v Turbo	08/1987 - 07/1988	L5	2226	135	7
MC 2226cc Inline5 SOHC 2v Turbo	05/1982 - 12/1991	L5	2226	135	10
PX 2226cc Inline5 SOHC 2v	08/1985 - 12/1990	L5	2226	135	8
RR 2226cc Inline5 DOHC 4v Turbo	08/1989 - 07/1991	L5	2226	135	53
7A 2309cc Inline5 DOHC 4v	06/1988 - 12/1991	L5	2309	140	4
AAR 2309cc Inline5 SOHC 2v	12/1990 - 06/1996	L5	2309	140	4
NF 2309cc Inline5 SOHC 2v	01/1985 - 12/1994	L5	2309	140	11
NG 2309cc Inline5 SOHC 2v	08/1986 - 11/1994	L5	2309	140	11
PR 2309cc Inline5 SOHC 2v	08/1989 - 12/1990	L5	2309	140	11
3D 2370cc Inline5 SOHC 2v Diesel	01/1989 - 01/1991	L5	2370	144	13
AAS 2370cc Inline5 SOHC 2v Diesel	01/1991 - 12/1994	L5	2370	144	13
AFM 2393cc V6 DOHC 5v	07/1995 - 10/1997	V6	2393	146	85
AGA 2393cc V6 DOHC 5v	04/1997 - 01/1999	V6	2393	146	86
AJG 2393cc V6 DOHC 5v	04/1997 - 01/1999	V6	2393	146	86
ALF 2393cc V6 DOHC 5v	04/1997 - 09/2001	V6	2393	146	86
ALW 2393cc V6 DOHC 5v	08/1997 - 01/1999	V6	2393	146	86
AML 2393cc V6 DOHC 5v	08/1998 - 09/2001	V6	2393	146	86
AMM 2393cc V6 DOHC 5v	06/2000 - 10/2005	V6	2393	146	86
APC 2393cc V6 DOHC 5v	04/1998 - 05/2001	V6	2393	146	86



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
APS 2393cc V6 DOHC 5v	08/1998 - 09/2001	V6	2393	146	86
APZ 2393cc V6 DOHC 5v	08/1998 - 05/2001	V6	2393	146	86
ARJ 2393cc V6 DOHC 5v	08/1998 - 09/2001	V6	2393	146	86
ARN 2393cc V6 DOHC 4v	08/1997 - 05/2001	V6	2393	146	86
ASM 2393cc V6 DOHC 5v	06/2000 - 01/2005	V6	2393	146	86
BDV 2393cc V6 DOHC 5v	06/2001 - 10/2005	V6	2393	146	86
BDW 2393cc V6 DOHC 4v	10/2004 - 10/2008	V6	2393	146	90
1T 2461cc Inline5 SOHC 2v	01/1990 - 12/1990	L5	2461	150	57
AAT 2461cc Inline5 SOHC 2v	08/1991 - 10/1997	L5	2461	150	57
ABP 2461cc Inline5 SOHC 2v	06/1991 - 07/1992	L5	2461	150	57
AEL 2461cc Inline5 SOHC 2v	10/1994 - 10/1997	L5	2461	150	57
AFB 2496cc V6 DOHC 4v Turbo Diesel	04/1997 - 06/2000	V6	2496	152	84
AKE 2496cc V6 DOHC 4v Turbo Diesel	11/1999 - 08/2003	V6	2496	152	84
AKN 2496cc V6 DOHC 4v Turbo Diesel	11/1997 - 09/2002	V6	2496	152	84
AYM 2496cc V6 DOHC 4v Turbo Diesel	12/2000 - 06/2002	V6	2496	152	84
BAU 2496cc V6 DOHC 4v Turbo Diesel	12/2000 - 08/2005	V6	2496	152	84
BCZ 2496cc V6 DOHC 4v Turbo Diesel	02/2003 - 05/2006	V6	2496	152	84
BDG 2496cc V6 DOHC 4v Turbo Diesel	02/2003 - 05/2006	V6	2496	152	84
BDH 2496cc V6 DOHC 4v Turbo Diesel	12/2000 - 01/2005	V6	2496	152	84
BFC 2496cc V6 DOHC 4v Turbo Diesel	07/2002 - 08/2003	V6	2496	152	84
ABC 2598cc V6 SOHC 2v	03/1992 - 08/2000	V6	2598	158	85
ACZ 2598cc V6 SOHC 2v	01/1993 - 12/1999	V6	2598	158	85
AGB 2671cc V6 DOHC 5v Turbo	10/1997 - 09/2001	V6	2671	162	85
AJK 2671cc V6 DOHC 5v Turbo	02/1999 - 08/2000	V6	2671	162	85
ARE 2671cc V6 DOHC 5v Turbo	05/2000 - 06/2002	V6	2671	162	85
AZA 2671cc V6 DOHC 5v Turbo	09/2000 - 05/2001	V6	2671	162	85
AZB 2671cc V6 DOHC 5v Turbo	11/2000 - 09/2001	V6	2671	162	85
BES 2671cc V6 DOHC 5v Turbo	07/2002 - 08/2005	V6	2671	162	85
AAH 2771cc V6 SOHC 2v	12/1990 - 08/2000	V6	2771	169	85
ACK 2771cc V6 DOHC 5v	07/1995 - 05/2001	V6	2771	169	85
AEJ 2771cc V6 SOHC 2v	06/1994 - 10/1997	V6	2771	169	85
AFC 2771cc V6 SOHC 2v	08/1994 - 06/1995	V6	2771	169	85
AGE 2771cc V6 DOHC 5v	10/1997 - 05/2000	V6	2771	169	85
ALG 2771cc V6 DOHC 5v	04/1997 - 05/2001	V6	2771	169	85
AMX 2771cc V6 DOHC 5v	04/1997 - 09/2002	V6	2771	169	85
APR 2771cc V6 DOHC 5v	04/1997 - 08/2001	V6	2771	169	85
AQD 2771cc V6 DOHC 5v	04/1997 - 05/2001	V6	2771	169	85
ATX 2771cc V6 DOHC 5v	03/1999 - 01/2005	V6	2771	169	85
BBG 2771cc V6 DOHC 5v	07/1999 - 01/2005	V6	2771	169	85
ASN 2976cc V6 DOHC 5v	12/2000 - 10/2005	V6	2976	181	85
AVK 2976cc V6 DOHC 5v	09/2001 - 06/2002	V6	2976	181	85
BBJ 2976cc V6 DOHC 5v	06/2001 - 07/2006	V6	2976	181	85
BDB 3189cc V6 DOHC 4v	07/2003 - 05/2009	V6	3189	194	60
BHE 3189cc V6 DOHC 4v	07/2003 - 06/2006	V6	3189	194	60
BMJ 3189cc V6 DOHC 4v	07/2003 - 05/2009	V6	3189	194	60
BPF 3189cc V6 DOHC 4v	06/2004 - 05/2005	V6	3189	194	60
BUB 3189cc V6 DOHC 4v	11/2005 - 06/2010	V6	3189	194	60
BHK 3597cc V6 DOHC 4v	08/2006 - On	V6	3597	219	61



1	Engine		Year	Cyl	Bore x Stroke	1	
	DS 1781cc Inline4 SOHC 2v		08/1982 - 07/1989	L4	81.0mm x 86.4mm		
	DZ 1781cc Inline4 SOHC 2v		01/1983 - 12/1991	L4	81.0mm x 86.4mm		
	JN 1781cc Inline4 SOHC 2v		01/1983 - 12/1991	L4	81.0mm x 86.4mm		
	JV 1781cc Inline4 SOHC 2v		08/1983 - 07/1988	L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Has plain shells. Suits until 12/85.</i>					
4B1076A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH
	CONROD	<i>Has plain shells. Suits until 12/85.</i>					
4B1076P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH
	CONROD	<i>Has one oil hole.</i>					
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES	CONROD	<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
	CONROD	<i>Has one oil hole.</i>					
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	MAINS	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	MAINS	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L
	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L



1 Engine		Year	Cyl	Bore x Stroke	1		
DS 1781cc Inline4 SOHC 2v		08/1982 - 07/1989	L4	81.0mm x 86.4mm			
DZ 1781cc Inline4 SOHC 2v		01/1983 - 12/1991	L4	81.0mm x 86.4mm			
JN 1781cc Inline4 SOHC 2v		01/1983 - 12/1991	L4	81.0mm x 86.4mm			
JV 1781cc Inline4 SOHC 2v		08/1983 - 07/1988	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES		MAINS <i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.978/2.1251	59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
		53.958/2.1243	59.000/2.3228				1648HX L
	4	53.978/2.1251	59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
		53.958/2.1243	59.000/2.3228				
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
4RB4170 UNB		PISTON PIN BUSH <i>Set of 4. Has 6.5mm oil hole and part groove.</i>			25.00/.984	F100	4RB4170
			23.000/.9055 23.052/.9076				
RB4170 UNB		PISTON PIN BUSH <i>Has 6.5mm oil hole and part groove.</i>			25.00/.984	F100	RB4170
			23.000/.9055 23.052/.9076				

2 Engine		Year	Cyl	Bore x Stroke	2		
AFY 1781cc Inline4 SOHC 2v		07/1995 - 01/2005	L4	81.0mm x 86.4mm			
APT 1781cc Inline4 DOHC 5v		01/1995 - 12/2001	L4	81.0mm x 86.4mm			
ARG 1781cc Inline4 DOHC 5v		01/1995 - 09/2001	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50		CONROD <i>Has one oil hole.</i>			19.00/.748	F810	1606A IH
		47.758/1.8802	50.600/1.9921	1.405/.0553			
RACE SERIES 4B1606H STD, .025, .25, .50		CONROD <i>Has one oil hole.</i>			19.00/.748	F781	1606H IH
		47.758/1.8802	50.600/1.9921	1.405/.0553			
RACE SERIES 4B1606HX STD		CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>			19.00/.748	F781	1606HX IH
		47.758/1.8802	50.600/1.9921	1.392/.0548			
4B1606P STD, .25, .50, .75, 1.00		CONROD <i>Has one oil hole.</i>			19.00/.748	F780	1606 IH
		47.758/1.8802	50.600/1.9921	1.405/.0553			
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
		53.958/2.1243	59.000/2.3228				
		53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
53.958/2.1243	59.000/2.3228						
RACE SERIES 5M1644H STD, .25, .50	1,2,3,4,5	MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U
		53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
		53.958/2.1243	59.000/2.3228				
		53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
53.958/2.1243	59.000/2.3228						



2		Continued ...						2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES								
5M1644HX STD	MAINS		<i>0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U	
		53.978/2.1251	59.019/2.3236					
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX L	
		53.978/2.1251	59.019/2.3236					
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L	
		53.978/2.1251	59.019/2.3236					
5M1653A STD, .25, .50, .75, 1.00								
MAINS		<i>Half Groove Set. Requires thrustwashers.</i>						
1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L		
	53.978/2.1251	59.019/2.3236						
1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U		
	53.978/2.1251	59.019/2.3236						
5M1653P STD, .25, .50, .75, 1.00								
MAINS		<i>Half Groove Set. Requires thrustwashers.</i>						
1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U		
	53.978/2.1251	59.019/2.3236						
1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L		
	53.978/2.1251	59.019/2.3236						
5M1668A STD, .25, .50, .75								
MAINS		<i>Half Groove Set. Requires thrustwashers.</i>						
1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U		
	53.978/2.1251	59.019/2.3236						
1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L		
	53.978/2.1251	59.019/2.3236						
2T1644 STD								
THRUST		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
2BS7006 UNB								
AUX		1	42.959/1.6913	46.000/1.8110	15.00/.591	F23	7006	
			42.975/1.6919	46.025/1.8120				
		2	41.959/1.6519	45.000/1.7717	15.00/.591	F23	7007	
			41.975/1.6526	45.025/1.7726				
4RB4171 UNB								
PISTON PIN BUSH		<i>Set of 4. Has 3mm oil hole and full groove.</i>			25.00/.984	F100	4RB4171	
			23.000/.9055					
			23.021/.9063					
RB4171 UNB								
PISTON PIN BUSH		<i>Has 3mm oil hole and full groove.</i>			25.00/.984	F100	RB4171	
			23.000/.9055					
			23.021/.9063					

3		Engine	Year	Cyl	Bore x Stroke	3	
		3A 1984cc Inline4 SOHC 2v	08/1988 - 12/1990	L4	82.5mm x 92.8mm		
		6A 1984cc Inline4 DOHC 4v	01/1990 - 07/1992	L4	82.5mm x 92.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50							
CONROD		<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES							
4B1606H STD, .025, .25, .50		<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES							
4B1606HX STD		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
4B1606P STD, .25, .50, .75, 1.00							
CONROD		<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
5M1644A STD, .25, .50, .75, 1.00							
MAINS		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
	53.978/2.1251	59.019/2.3236					



3 Continued ...							3	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1644A STD, .25, .50, .75, 1.00	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
RACE SERIES	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
	AUX	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
		2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171	
	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171	

4 Engine				Year	Cyl	Bore x Stroke	4
7A 2309cc Inline5 DOHC 4v				06/1988 - 12/1991	L5	82.5mm x 86.4mm	
AAR 2309cc Inline5 SOHC 2v				12/1990 - 06/1996	L5	82.5mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B1606A STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
5B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
6M1604A STD, .25, .50, .75, 1.00	MAINS	<i>Requires thrustwashers.</i>					
	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
6M1604P STD, .25, .50, .75, 1.00	MAINS	<i>Requires thrustwashers.</i>					
	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
2T1604 STD	THRUST	63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
	THRUST	63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171

4 Continued ...							4
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

PISTON PIN BUSH *Has 3mm oil hole and full groove.*

RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171
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5 Engine		Year	Cyl	Bore x Stroke	5		
WJ 2144cc Inline5 SOHC 2v Turbo		01/1979 - 08/1982	L5	79.5mm x 86.4mm			
WS 2144cc Inline5 SOHC 2v Turbo		08/1980 - 12/1981	L5	79.5mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

CONROD *Has plain shells.*

5B1636A STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
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CONROD *Has plain shells.*

5B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
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MAINS *Requires thrustwashers.*

6M1604A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
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MAINS *Requires thrustwashers.*

6M1604P STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
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PISTON PIN BUSH

RB4053 UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053
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6 Engine		Year	Cyl	Bore x Stroke	6		
KF 2144cc Inline5 SOHC 2v		08/1982 - 07/1984	L5	79.5mm x 86.4mm			
KK 2144cc Inline5 SOHC 2v		08/1982 - 07/1984	L5	79.5mm x 86.4mm			
KL 2144cc Inline5 SOHC 2v		08/1982 - 07/1984	L5	79.5mm x 86.4mm			
WH 1921cc Inline5 SOHC 2v		01/1980 - 07/1984	L5	79.5mm x 77.4mm			
WU 2144cc Inline5 SOHC 2v		08/1982 - 07/1984	L5	79.5mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

CONROD *Has plain shells. Suits until 12/85.*

5B1076A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH
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CONROD *Has plain shells. Suits until 12/85.*

5B1076P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH
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CONROD *Has plain shells.*

5B1636A STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
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CONROD *Has plain shells.*

5B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
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MAINS *Requires thrustwashers.*

6M1604A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
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MAINS *Requires thrustwashers.*

6M1604P STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
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THRUST

2T1604 STD		63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
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THRUST

2T1614 STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL
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6 Continued ...							6
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

PISTON PIN BUSH							
RB4053 UNB		21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053
		22.000/.8661	25.033/.9856				

7 Engine	Year	Cyl	Bore x Stroke	7
1B 2226cc Inline5 SOHC 2v Turbo	01/1988 - 12/1990	L5	81.0mm x 86.4mm	
2B 2226cc Inline5 SOHC 2v Turbo	02/1988 - 12/1990	L5	81.0mm x 86.4mm	
KH 2144cc Inline5 SOHC 2v	08/1983 - 07/1985	L5	79.5mm x 86.4mm	
MB 2226cc Inline5 SOHC 2v Turbo	08/1987 - 07/1988	L5	81.0mm x 86.4mm	
WN 1921cc Inline5 SOHC 2v	08/1980 - 07/1983	L5	79.5mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
<i>Has plain shells.</i>							
5B1636A STD, .25, .50, .75, 1.00		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A IH
		45.970/1.8098	49.016/1.9298				
CONROD							
<i>Has plain shells.</i>							
5B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F780	1636 IH
		45.970/1.8098	49.016/1.9298				
MAINS							
<i>Requires thrustwashers.</i>							
6M1604A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818	63.000/2.4803	2.502/.0985	18.50/.728	F810	1604A UL
		57.978/2.2826	63.019/2.4811				
MAINS							
<i>Requires thrustwashers.</i>							
6M1604P STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818	63.000/2.4803	2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				
THRUST							
2T1604 STD		63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
THRUST							
2T1614 STD		63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
PISTON PIN BUSH							
RB4053 UNB		21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053
		22.000/.8661	25.033/.9856				

8 Engine	Year	Cyl	Bore x Stroke	8
JT 2226cc Inline5 SOHC 2v	11/1983 - 12/1987	L5	81.0mm x 86.4mm	
KP 1994cc Inline5 SOHC 2v	08/1984 - 12/1987	L5	81.0mm x 77.4mm	
KU 2226cc Inline5 SOHC 2v	08/1984 - 12/1990	L5	81.0mm x 86.4mm	
KV 2226cc Inline5 SOHC 2v	06/1984 - 12/1991	L5	81.0mm x 86.4mm	
KZ 2226cc Inline5 SOHC 2v	08/1984 - 09/1986	L5	81.0mm x 86.4mm	
PX 2226cc Inline5 SOHC 2v	08/1985 - 12/1990	L5	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
<i>Has plain shells. Suits until 12/85.</i>							
5B1076A STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	1076A IH
		47.778/1.8810	50.619/1.9929				
CONROD							
<i>Has plain shells. Suits until 12/85.</i>							
5B1076P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	1076 IH
		47.778/1.8810	50.619/1.9929				
CONROD							
<i>Has one oil hole.</i>							
5B1606A STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
CONROD							
<i>Has one oil hole.</i>							
5B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
MAINS							
<i>Requires thrustwashers.</i>							
6M1604A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818	63.000/2.4803	2.502/.0985	18.50/.728	F810	1604A UL
		57.978/2.2826	63.019/2.4811				



8 Continued ... **8**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Requires thrustwashers.</i>							
6M1604P STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818	63.000/2.4803	2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				
THRUST							
2T1604 STD		63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
THRUST							
2T1614 STD		63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
PISTON PIN BUSH <i>Set of 4. Has 6.5mm oil hole and part groove.</i>							
4RB4170 UNB				23.000/.9055	25.00/.984	F100	4RB4170
				23.052/.9076			
PISTON PIN BUSH <i>Has 6.5mm oil hole and part groove.</i>							
RB4170 UNB				23.000/.9055	25.00/.984	F100	RB4170
				23.052/.9076			

9 Engine	Year	Cyl	Bore x Stroke	9
HP 1994cc Inline5 SOHC 2v	08/1983 - 03/1987	L5	81.0mm x 77.4mm	
JL 1994cc Inline5 SOHC 2v	08/1983 - 07/1988	L5	81.0mm x 77.4mm	
JS 1994cc Inline5 SOHC 2v	08/1982 - 07/1988	L5	81.0mm x 77.4mm	
KX 2226cc Inline5 SOHC 2v	07/1981 - 07/1988	L5	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD <i>Has plain shells. Suits until 12/85.</i>							
5B1076A STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	1076A IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>Has plain shells. Suits until 12/85.</i>							
5B1076P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	1076 IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>Has one oil hole.</i>							
5B1606A STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>Has one oil hole.</i>							
5B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>Has plain shells.</i>							
5B1636A STD, .25, .50, .75, 1.00		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A IH
		45.970/1.8098	49.016/1.9298				
CONROD <i>Has plain shells.</i>							
5B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F780	1636 IH
		45.970/1.8098	49.016/1.9298				
MAINS <i>Requires thrustwashers.</i>							
6M1604A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818	63.000/2.4803	2.502/.0985	18.50/.728	F810	1604A UL
		57.978/2.2826	63.019/2.4811				
MAINS <i>Requires thrustwashers.</i>							
6M1604P STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818	63.000/2.4803	2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				
THRUST							
2T1604 STD		63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
THRUST							
2T1614 STD		63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
PISTON PIN BUSH <i>Set of 4. Has 6.5mm oil hole and part groove.</i>							
4RB4170 UNB				23.000/.9055	25.00/.984	F100	4RB4170
				23.052/.9076			



9	Continued ...						9
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

		PISTON PIN BUSH		<i>Has 6.5mm oil hole and part groove.</i>			
RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170

10	Engine		Year	Cyl	Bore x Stroke	10
	GV 2144cc Inline5 SOHC 2v Turbo		07/1980 - 07/1987	L5	79.5mm x 86.4mm	
	JY 2144cc Inline5 SOHC 2v Turbo		08/1983 - 01/1988	L5	79.5mm x 86.4mm	
	KG 2144cc Inline5 SOHC 2v Turbo		05/1982 - 01/1988	L5	79.5mm x 86.4mm	
	MC 2226cc Inline5 SOHC 2v Turbo		05/1982 - 12/1991	L5	81.0mm x 86.4mm	
	WR 2144cc Inline5 SOHC 2v Turbo		07/1980 - 07/1987	L5	79.5mm x 86.4mm	
	WX 2144cc Inline5 SOHC 2v Turbo		02/1982 - 07/1989	L5	79.5mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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		CONROD	<i>Has plain shells. Suits until 12/85.</i>					
5B1076A STD, .25, .50, .75, 1.00			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH
		CONROD	<i>Has plain shells. Suits until 12/85.</i>					
5B1076P STD, .25, .50, .75, 1.00			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH
		CONROD	<i>Has one oil hole.</i>					
5B1606A STD, .25, .50, .75, 1.00			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
		CONROD	<i>Has one oil hole.</i>					
5B1606P STD, .25, .50, .75, 1.00			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
		CONROD	<i>Has plain shells.</i>					
5B1636A STD, .25, .50, .75, 1.00			45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
		CONROD	<i>Has plain shells.</i>					
5B1636P STD, .25, .50, .75, 1.00, 1.50			45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
		MAINS	<i>Requires thrustwashers.</i>					
6M1604A STD, .25, .50, .75, 1.00	1,2,3,4,5,6		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
		MAINS	<i>Requires thrustwashers.</i>					
6M1604P STD, .25, .50, .75, 1.00	1,2,3,4,5,6		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
		THRUST						
2T1604 STD			63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
		THRUST						
2T1614 STD			63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL
		PISTON PIN BUSH						
RB4053 UNB			21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

11 Engine		Year	Cyl	Bore x Stroke	11		
NF 2309cc Inline5 SOHC 2v		01/1985 - 12/1994	L5	82.5mm x 86.4mm			
NG 2309cc Inline5 SOHC 2v		08/1986 - 11/1994	L5	82.5mm x 86.4mm			
NM 1994cc Inline5 DOHC 4v		01/1988 - 12/1991	L5	81.0mm x 77.4mm			
PR 2309cc Inline5 SOHC 2v		08/1989 - 12/1990	L5	82.5mm x 86.4mm			
PS 1994cc Inline5 SOHC 2v		04/1987 - 12/1991	L5	81.0mm x 77.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Has one oil hole.</i>					
5B1606A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
	CONROD	<i>Has one oil hole.</i>					
5B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	MAINS	<i>Requires thrustwashers.</i>					
6M1604A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	MAINS	<i>Requires thrustwashers.</i>					
6M1604P STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
	THRUST						
2T1604 STD		63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
	THRUST						
2T1614 STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL
	PISTON PIN BUSH	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
4RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
	PISTON PIN BUSH	<i>Has 6.5mm oil hole and part groove.</i>					
RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170
	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>					
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171
12 Engine		Year	Cyl	Bore x Stroke	12		
CN 1986cc Inline5 SOHC 2v Diesel		01/1978 - 07/1989	L5	76.5mm x 86.4mm			
DE 1986cc Inline5 SOHC 2v Turbo Diesel		01/1981 - 12/1987	L5	76.5mm x 86.4mm			
NC 1986cc Inline5 SOHC 2v Turbo Diesel		03/1988 - 12/1990	L5	76.5mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Has one oil hole.</i>					
5B1606A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
	CONROD	<i>Has one oil hole.</i>					
5B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	CONROD	<i>No hole. To be superceded by 5B1606A</i>					
5B5534A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
	CONROD	<i>No hole. To be superceded by 5B1606P.</i>					
5B5534P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH
	MAINS	<i>Requires thrustwashers.</i>					
6M1604A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL



12 Continued ...							12		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
6M1604P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
6M1605A STD, .25, .50, .75	MAINS 1,2,4,5,6	<i>Set contains flanged thrust bearing.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
		3							
	MAINS 1,2,4,5,6	<i>Set contains flanged thrust bearing.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
6M1605P STD, .25, .50, .75	3	<i>Set contains flanged thrust bearing.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.981	F780	1605(F) UL
2T1604 STD	THRUST			63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
2T1614 STD	THRUST			63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL
5RB4167 UNB	PISTON PIN BUSH	<i>Set of 5.</i>		27.000/1.0630 27.021/1.0638			25.00/.984	F100	5RB4167
RB4167 UNB	PISTON PIN BUSH			27.000/1.0630 27.021/1.0638			25.00/.984	F100	RB4167

13 Engine				Year	Cyl	Bore x Stroke	13		
3D 2370cc Inline5 SOHC 2v Diesel				01/1989 - 01/1991	L5	79.5mm x 95.5mm			
AAS 2370cc Inline5 SOHC 2v Diesel				01/1991 - 12/1994	L5	79.5mm x 95.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
5B1606A STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
5B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
5B5534A STD, .25, .50, .75, 1.00	CONROD	<i>No hole. To be superceded by 5B1606A</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
5B5534P STD, .25, .50, .75, 1.00	CONROD	<i>No hole. To be superceded by 5B1606P.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH
6M1604A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
6M1604P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
2T1604 STD	THRUST			63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
2T1614 STD	THRUST			63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL
5RB4167 UNB	PISTON PIN BUSH	<i>Set of 5.</i>		27.000/1.0630 27.021/1.0638			25.00/.984	F100	5RB4167

13 Continued ... **13**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4167 UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4167

14 Engine **14**

Year	Cyl	Bore x Stroke
01/1976 - 07/1978	L4	79.5mm x 80.0mm
01/1982 - 07/1984	L4	79.5mm x 86.4mm
08/1980 - 12/1983	L4	79.5mm x 86.4mm
08/1981 - 07/1983	L4	79.5mm x 80.0mm
09/1973 - 08/1975	L4	79.5mm x 80.0mm
09/1975 - 08/1979	L4	79.5mm x 80.0mm
01/1975 - 07/1976	L4	79.5mm x 80.0mm
10/1974 - 12/1983	L4	79.5mm x 80.0mm
09/1975 - 02/1983	L4	79.5mm x 80.0mm
09/1975 - 07/1978	L4	79.5mm x 80.0mm
08/1978 - 01/1979	L4	79.5mm x 80.0mm
08/1976 - 07/1982	L4	79.5mm x 80.0mm
08/1978 - 07/1981	L4	79.5mm x 80.0mm
08/1978 - 12/1986	L4	79.5mm x 80.0mm
01/1982 - 12/1983	L4	79.5mm x 86.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD <i>Has plain shells.</i>							
4B1636A STD, .25, .50, .75, 1.00		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A
		45.970/1.8098	49.016/1.9298				IH

CONROD <i>Has plain shells.</i>							
4B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F780	1636
		45.970/1.8098	49.016/1.9298				IH

MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L

MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				L

MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L

RACE SERIES MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236				U



14 Continued ...							14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1644H STD, .25, .50	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H L
	4	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
		53.958/2.1243	59.000/2.3228				
	53.978/2.1251	59.019/2.3236					
RACE SERIES		MAINS <i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.978/2.1251	59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
		53.958/2.1243	59.000/2.3228				
	53.978/2.1251	59.019/2.3236					
4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L	
53.978/2.1251	59.019/2.3236						
MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	1,2,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		53.958/2.1243	59.000/2.3228				
	53.978/2.1251	59.019/2.3236					
3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F) UL	
53.978/2.1251	59.019/2.3236						
MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
	1,2,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
		53.958/2.1243	59.000/2.3228				
	53.978/2.1251	59.019/2.3236					
3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1654(F) UL	
53.978/2.1251	59.019/2.3236						
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
CAMS							
5C7008 STD	1,2,3,4,5	25.939/1.0212	28.250/1.1122	1.138/.0448	17.00/.669	F820	7008
		25.960/1.0220	28.271/1.1130				
AUX							
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
PISTON PIN BUSH							
RB4053 UNB		21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053
		22.000/.8661	25.033/.9856				

15 Engine			Year	Cyl	Bore x Stroke	15	
WB 2144cc Inline5 SOHC 2v			04/1978 - 07/1984	L5	79.5mm x 86.4mm		
WC 2144cc Inline5 SOHC 2v			08/1976 - 07/1984	L5	79.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has plain shells. Suits until 12/85.</i>					
5B1076A STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	1076A IH
		47.778/1.8810	50.619/1.9929				
CONROD		<i>Has plain shells. Suits until 12/85.</i>					
5B1076P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	1076 IH
		47.778/1.8810	50.619/1.9929				
CONROD		<i>Has plain shells.</i>					
5B1636A STD, .25, .50, .75, 1.00		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A IH
		45.970/1.8098	49.016/1.9298				
CONROD		<i>Has plain shells.</i>					
5B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F780	1636 IH
		45.970/1.8098	49.016/1.9298				



15 Continued ...							15
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6M1604A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	63.000/2.4803				
6M1604P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.958/2.2818	63.000/2.4803				
6M1605A STD, .25, .50, .75	MAINS 1,2,4,5,6	<i>Set contains flanged thrust bearing.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.978/2.2826	63.019/2.4811				
	3	<i>Set contains flanged thrust bearing.</i>		2.500/.0984	24.93/.982	F810	1605A(F) UL
		57.958/2.2818	63.000/2.4803				
6M1605P STD, .25, .50, .75	MAINS 1,2,4,5,6	<i>Set contains flanged thrust bearing.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				
	3	<i>Set contains flanged thrust bearing.</i>		2.500/.0984	24.93/.981	F780	1605(F) UL
		57.958/2.2818	63.000/2.4803				
2T1604 STD	THRUST	63.500/2.5000	77.200/3.0394	1.98/.078	F817	1604T UL	
		63.750/2.5098	77.450/3.0492				
2T1614 STD	THRUST	63.500/2.5000	76.950/3.0295	1.98/.078	F817	1614T UL	
		63.750/2.5098	77.200/3.0394				
RB4053 UNB	PISTON PIN BUSH	21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053
		22.000/.8661	25.033/.9856				

16 Engine				Year	Cyl	Bore x Stroke	16
KE 2144cc Inline5 SOHC 2v				08/1981 - 12/1984	L5	79.5mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B1076A STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F810	1076A IH
		47.758/1.8802	50.600/1.9921				
5B1076P STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F780	1076 IH
		47.778/1.8810	50.619/1.9929				
5B1636A STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells.</i>		1.506/.0593	19.00/.748	F810	1636A IH
		45.950/1.8091	49.000/1.9291				
5B1636P STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has plain shells.</i>		1.506/.0593	19.00/.748	F780	1636 IH
		45.970/1.8098	49.016/1.9298				
6M1604A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	63.000/2.4803				
6M1604P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				
6M1605P STD, .25, .50, .75	MAINS 1,2,4,5,6	<i>Set contains flanged thrust bearing.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				
	3	<i>Set contains flanged thrust bearing.</i>		2.500/.0984	24.93/.981	F780	1605(F) UL
		57.958/2.2818	63.000/2.4803				
2T1604 STD	THRUST	63.500/2.5000	77.200/3.0394	1.98/.078	F817	1604T UL	
		63.750/2.5098	77.450/3.0492				



16 Continued ...								16
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
THRUST								
2T1614 STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL	
PISTON PIN BUSH								
RB4053 UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053	
17 Engine				Year	Cyl	Bore x Stroke		17
AEH 1595cc Inline4 SOHC 2v				09/1996 - 05/2003	L4	81.0mm x 77.4mm		
AKL 1595cc Inline4 SOHC 2v				09/1996 - 06/2003	L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
<i>Has one oil hole.</i>								
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
RACE SERIES								
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
RACE SERIES								
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
CONROD								
<i>Has one oil hole.</i>								
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
RACE SERIES								
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH	
RACE SERIES								
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH	
CONROD								
<i>Has one oil hole and no notch.</i>								
4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L 1609 U	
CONROD								
<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>								
4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609A L 1609 U	
MAINS								
<i>Half Groove Set. Requires thrustwashers.</i>								
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L 1648A U	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
MAINS								
<i>Half Groove Set. Requires thrustwashers.</i>								
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L 1648 U	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
MAINS								
<i>Half Groove Set. Requires thrustwashers.</i>								
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L 1668A U	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U	
THRUST								
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
AUX								
2B57006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	

17 Continued ...							17
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171

18 Engine	Year	Cyl	Bore x Stroke	18
ALT 1984cc Inline 4 DOHC 5v	12/2000 - 06/2008	L4	82.5mm x 92.8mm	
AWA 1984cc Inline4 DOHC 5v	07/2002 - 12/2004	L4	82.5mm x 92.8mm	
AXW 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	82.5mm x 92.8mm	
AXX 1984cc Inline4 DOHC 4v Turbo	09/2004 - 10/2006	L4	82.5mm x 92.8mm	
BGB 1984cc Inline4 DOHC 4v Turbo	11/2004 - 03/2008	L4	82.5mm x 92.8mm	
BLR 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	82.5mm x 92.8mm	
BLX 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	82.5mm x 92.8mm	
BLY 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	82.5mm x 92.8mm	
BMB 1984cc Inline4 DOHC 4v	01/2004 - 01/2005	L4	82.5mm x 92.8mm	
BPG 1984cc Inline4 DOHC 4v Turbo	11/2004 - 05/2006	L4	82.5mm x 92.8mm	
BPJ 1984cc Inline4 DOHC 4v Turbo	06/2005 - 08/2011	L4	82.5mm x 92.8mm	
BPY 1984cc Inline4 DOHC 4v Turbo	11/2005 - 05/2009	L4	82.5mm x 92.8mm	
BUL 1984cc Inline4 DOHC 4v Turbo	06/2005 - 06/2008	L4	82.5mm x 92.8mm	
BVY 1984cc Inline4 DOHC 4v	11/2005 - 01/2007	L4	82.5mm x 95.9mm	
BVZ 1984cc Inline4 DOHC 4v	11/2005 - 01/2007	L4	82.5mm x 92.8mm	
BWA 1984cc Inline4 DOHC 4v Turbo	11/2004 - On	L4	82.5mm x 92.8mm	
BWE 1984cc Inline4 DOHC 4v Turbo	09/2005 - On	L4	82.5mm x 92.8mm	
BWT 1984cc Inline4 DOHC 4v Turbo	06/2006 - 03/2008	L4	82.5mm x 92.8mm	
BYK 1984cc Inline4 DOHC 4v Turbo	10/2006 - 08/2011	L4	82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD	<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
5M1668A STD, .25, .50, .75	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
2T5535 STD	THRUST	59.500/2.3425 59.750/2.3524	71.550/2.8169 71.800/2.8268		2.48/.097	F817	5535T UL



19 Engine		Year	Cyl	Bore x Stroke	19		
AMB 1781cc Inline4 DOHC 5v Turbo		07/2001 - 12/2004	L4	81.0mm x 86.4mm			
ARX 1781cc Inline4 DOHC 5v Turbo		09/2000 - 06/2003	L4	81.0mm x 86.4mm			
AVJ 1781cc Inline4 DOHC 5v Turbo		12/2000 - 06/2002	L4	81.0mm x 86.4mm			
BEX 1781cc Inline4 DOHC 5v Turbo		11/2002 - 12/2004	L4	81.0mm x 86.4mm			
BFB 1781cc Inline4 DOHC 5v Turbo		07/2002 - 03/2008	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES		CONROD <i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H
		47.778/1.8810	50.619/1.9929				IH
RACE SERIES		CONROD <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX
		47.778/1.8810	50.619/1.9929				IH
4B1609P STD, .25, .50, .75, 1.00		CONROD <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609
		47.778/1.8810	50.619/1.9929				U
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A
		47.778/1.8810	50.619/1.9929				L
5M1668A STD, .25, .50, .75		MAINS <i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A
		53.978/2.1251	59.019/2.3236				U
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A
		53.978/2.1251	59.019/2.3236				L
2T1644 STD		THRUST					
		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL

20 Engine		Year	Cyl	Bore x Stroke	20		
APX 1781cc Inline4 DOHC 5v Turbo		10/1998 - 08/2001	L4	81.0mm x 86.4mm			
BAM 1781cc Inline4 DOHC 5v Turbo		05/1999 - 06/2006	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50		CONROD <i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
		47.778/1.8810	50.619/1.9929				IH
RACE SERIES		CONROD <i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H
		47.778/1.8810	50.619/1.9929				IH
RACE SERIES		CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX
		47.778/1.8810	50.619/1.9929				IH
4B1606P STD, .25, .50, .75, 1.00		CONROD <i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606
		47.778/1.8810	50.619/1.9929				IH
4B5539D STD, .25, .50		CONROD					
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539
		47.778/1.8810	50.612/1.9926				L
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F781	5539D
		47.778/1.8810	50.612/1.9926				U
5M1653A STD, .25, .50, .75, 1.00		MAINS <i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
5M1668A STD, .25, .50, .75		MAINS <i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A
		53.978/2.1251	59.019/2.3236				L
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A
		53.978/2.1251	59.019/2.3236				U

20 Continued ... 20

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171

21 Engine Year Cyl Bore x Stroke 21

ARY 1781cc Inline4 DOHC 5v Turbo	10/1998 - 12/2006	L4	81.0mm x 86.4mm
AUM 1781cc Inline4 DOHC 5v Turbo	12/1996 - 06/2006	L4	81.0mm x 86.4mm
AUQ 1781cc Inline4 DOHC 5v Turbo	10/1998 - 06/2006	L4	81.0mm x 86.4mm
AWT 1781cc Inline4 DOHC 5v Turbo	01/1995 - 01/2005	L4	81.0mm x 86.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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RACE SERIES	CONROD	<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
5M1668A STD, .25, .50, .75	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171

22 Engine Year Cyl Bore x Stroke 22

XW 1471cc Inline4 SOHC 2v	10/1973 - 08/1974	L4	76.5mm x 80.0mm
YJ 1471cc Inline4 SOHC 2v	05/1972 - 08/1975	L4	76.5mm x 80.0mm
ZB 1471cc Inline4 SOHC 2v	05/1972 - 08/1975	L4	76.5mm x 80.0mm
ZC 1471cc Inline4 SOHC 2v	05/1972 - 07/1976	L4	76.5mm x 80.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B1636A STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells.</i>					
		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
4B1636P STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has plain shells.</i>					
		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH



22		Continued ...						22
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>								
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
RACE SERIES MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>								
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				L	
RACE SERIES MAINS <i>0.001" extra oil clearance on STD journal.</i>								
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				L	
THRUST								
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T	
		59.700/2.3504	73.200/2.8819				UL	
AUX								
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
PISTON PIN BUSH <i>Set of 4. Has 6.5mm oil hole and part groove.</i>								
4RB4170 UNB			23.000/.9055		25.00/.984	F100	4RB4170	
			23.052/.9076					
PISTON PIN BUSH <i>Has 6.5mm oil hole and part groove.</i>								
RB4170 UNB			23.000/.9055		25.00/.984	F100	RB4170	
			23.052/.9076					

23	Engine	Year	Cyl	Bore x Stroke	23
	1Z 1896cc Inline4 SOHC 2v Turbo Diesel	09/1991 - 09/2001	L4	79.5mm x 95.5mm	
	AAZ 1896cc Inline4 SOHC 2v Turbo Diesel	09/1991 - 07/1995	L4	79.5mm x 95.5mm	
	AFF 1896cc Inline4 SOHC 2v Turbo Diesel	12/1995 - 09/2001	L4	79.5mm x 95.5mm	
	AGR 1896cc Inline4 SOHC 2v Turbo Diesel	09/1996 - 07/2001	L4	79.5mm x 95.5mm	
	AHH 1896cc Inline4 SOHC 2v Turbo Diesel	01/1995 - 09/2001	L4	79.5mm x 95.5mm	
	ALH 1896cc Inline4 SOHC 2v Turbo Diesel	08/1997 - 06/2001	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1075A STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F810	1075A IH
		47.778/1.8810	50.619/1.9929				
4B1075P STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	1075 IH
		47.778/1.8810	50.619/1.9929				
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
AUX							
2B57006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4168			29.000/1.1417		25.00/.984	F100	4RB4168
			29.052/1.1438				
PISTON PIN BUSH							
RB4168 UNB			29.000/1.1417		25.00/.984	F100	RB4168
			29.052/1.1438				

24	Engine	Year	Cyl	Bore x Stroke	24
	AFN 1896cc Inline4 SOHC 2v Turbo Diesel	02/1996 - 04/2001	L4	79.5mm x 95.5mm	
	AHF 1896cc Inline4 SOHC 2v Turbo Diesel	01/1997 - 04/2002	L4	79.5mm x 95.5mm	
	ASV 1896cc Inline4 SOHC 2v Turbo Diesel	08/1997 - 04/2002	L4	79.5mm x 95.5mm	
	AVG 1896cc Inline4 SOHC 2v Turbo Diesel	10/1995 - 09/2001	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES							
CONROD <i>Has one oil hole and no notch.</i>							
4B1609H STD, .025, .25		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES							
CONROD <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
4B1609HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L
		47.778/1.8810	50.619/1.9929				
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.778/1.8810	50.619/1.9929				
CONROD							
4B5536D STD, .25		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F781	5536D U
		47.778/1.8810	50.612/1.9926				



24		Continued ...						24
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B5536D STD, .25	CONROD	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 L	
		47.778/1.8810	50.612/1.9926					
4B5536P STD, .25	CONROD	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 IH	
		47.778/1.8810	50.612/1.9926					
5M1653A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
5M1653P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
2B57006 UNB	AUX	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
4RB4168	PISTON PIN BUSH	<i>Set of 4.</i>						
			29.000/1.1417		25.00/.984	F100	4RB4168	
			29.052/1.1438					
RB4168 UNB	PISTON PIN BUSH		29.000/1.1417		25.00/.984	F100	RB4168	
			29.052/1.1438					

25		Engine	Year	Cyl	Bore x Stroke	25		
		AJM 1896cc Inline4 SOHC 2v Turbo Diesel	01/1998 - 01/2005	L4	79.5mm x 95.5mm			
		ATD 1896cc Inline4 SOHC 2v Turbo Diesel	10/2000 - 05/2003	L4	79.5mm x 95.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B5537D STD, .25, .50	CONROD	47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L	
		47.778/1.8810	50.612/1.9926					
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U	
		47.778/1.8810	50.612/1.9926					
4B5537P STD, .25, .50	CONROD	50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH	
		47.778/1.8810						
5M1653A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
5M1653P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
5C7004 STD	CAMS	1,2,3,4,5	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
			28.960/1.1402	32.025/1.2608				

25 Continued ...							25
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4RB4167 UNB	PISTON PIN BUSH	<i>Set of 4.</i>	27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4167
4RB4168	PISTON PIN BUSH	<i>Set of 4.</i>	29.000/1.1417 29.052/1.1438		25.00/.984	F100	4RB4168
RB4167 UNB	PISTON PIN BUSH		27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4167
RB4168 UNB	PISTON PIN BUSH		29.000/1.1417 29.052/1.1438		25.00/.984	F100	RB4168

26 Engine				Year	Cyl	Bore x Stroke	26
ASZ 1896cc Inline4 SOHC 2v Turbo Diesel				05/2000 - 06/2003	L4	79.5mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5538D STD, .25, .50	CONROD	50.858/2.0023 50.878/2.0031 50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146 53.700/2.1142 53.712/2.1146	1.404/.0553 1.404/.0553	20.40/.803 20.40/.803	F781 F780	5538D U 5538 L
4B5538P STD, .25, .50	CONROD	50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146	1.404/.0553	20.40/.803	F780	5538 IH
5M5540A STD, .25, .50	MAINS 1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.012/2.3233	2.501/.0985	18.50/.728	F810	5540A UL
5M5540P STD, .25, .50	MAINS 1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.012/2.3233	2.501/.0985	18.50/.728	F780	5540 UL
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
5C7004 STD	CAMS 1,2,3,4,5	28.947/1.1396 28.960/1.1402	32.000/1.2598 32.025/1.2608	1.513/.0596	25.00/.984	F780	7004
2BS7006 UNB	AUX 1 2	42.959/1.6913 42.975/1.6919 41.959/1.6519 41.975/1.6526	46.000/1.8110 46.025/1.8120 45.000/1.7717 45.025/1.7726		15.00/.591 15.00/.591	F23 F23	7006 7007
4RB4167 UNB	PISTON PIN BUSH	<i>Set of 4.</i>	27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4167
RB4167 UNB	PISTON PIN BUSH		27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4167

27 Engine				Year	Cyl	Bore x Stroke	27
AVF 1896cc Inline4 SOHC 2v Turbo Diesel				12/2000 - 01/2005	L4	79.5mm x 95.5mm	
AWX 1896cc Inline4 SOHC 2v Turbo Diesel				12/2000 - 01/2005	L4	79.5mm x 95.5mm	
BKE 1896cc Inline4 SOHC 2v Turbo Diesel				06/2004 - 06/2008	L4	79.5mm x 95.5mm	
BRB 1896cc Inline4 SOHC 2v Turbo Diesel				11/2004 - 06/2008	L4	79.5mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5538D STD, .25, .50	CONROD	50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146	1.404/.0553	20.40/.803	F781	5538D U



27 Continued ...							27
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5538D STD, .25, .50	CONROD	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L
		50.878/2.0031	53.712/2.1146				
4B5538P STD, .25, .50	MAINS	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH
		50.878/2.0031	53.712/2.1146				
5M5540A STD, .25, .50	1,2,3,4,5 MAINS	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				
5M5540P STD, .25, .50	1,2,3,4,5 MAINS	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
5C7004 STD	1,2,3,4,5 CAMS	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
4RB4168	PISTON PIN BUSH	<i>Set of 4.</i>			25.00/.984	F100	4RB4168
			29.000/1.1417				
			29.052/1.1438				
RB4168 UNB	PISTON PIN BUSH		29.000/1.1417		25.00/.984	F100	RB4168
			29.052/1.1438				

28 Engine				Year	Cyl	Bore x Stroke	28
HX 2226cc Inline5 SOHC 2v				08/1984 - 11/1990	L5	81.0mm x 86.4mm	
KW 2144cc Inline5 DOHC 4v Turbo				05/1984 - 07/1987	L5	79.3mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B1076A STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F810	1076A IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				
5B1076P STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F780	1076 IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				
5B1606A STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				
5B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				
6M1604A STD, .25, .50, .75, 1.00	1,2,3,4,5,6 MAINS	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	63.000/2.4803				
		57.978/2.2826	63.019/2.4811				
6M1604P STD, .25, .50, .75, 1.00	1,2,3,4,5,6 MAINS	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.958/2.2818	63.000/2.4803				
		57.978/2.2826	63.019/2.4811				
2T1604 STD	THRUST	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
2T1614 STD	THRUST	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>			25.00/.984	F100	4RB4171
			23.000/.9055				
			23.021/.9063				

28 Continued ... 28

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Has 3mm oil hole and full groove.</i>							
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

29 Engine Year Cyl Bore x Stroke 29

KJ 2144cc Inline5 SOHC 2v Turbo	08/1981 - 09/1982	L5	79.5mm x 86.4mm
WK 2144cc Inline5 SOHC 2v	10/1979 - 09/1982	L5	79.5mm x 86.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has plain shells.</i>							
5B1636A STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
CONROD <i>Has plain shells.</i>							
5B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
MAINS <i>Set contains flanged thrust bearing.</i>							
6M1605A STD, .25, .50, .75	1,2,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	3	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.982	F810	1605A(F) UL
	MAINS <i>Set contains flanged thrust bearing.</i>						
6M1605P STD, .25, .50, .75	1,2,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
	3	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.981	F780	1605(F) UL
	PISTON PIN BUSH						
RB4053 UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

30 Engine Year Cyl Bore x Stroke 30

WE 2144cc Inline5 SOHC 2v	01/1977 - 07/1984	L5	79.5mm x 86.4mm
WG 2144cc Inline5 SOHC 2v	08/1976 - 07/1980	L5	79.5mm x 86.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has plain shells.</i>							
5B1636A STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
CONROD <i>Has plain shells.</i>							
5B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
MAINS <i>Requires thrustwashers.</i>							
6M1604A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	MAINS <i>Requires thrustwashers.</i>						
6M1604P STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
	MAINS <i>Set contains flanged thrust bearing.</i>						
6M1605A STD, .25, .50, .75	1,2,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	3	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.982	F810	1605A(F) UL
	MAINS <i>Set contains flanged thrust bearing.</i>						
6M1605P STD, .25, .50, .75	1,2,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
	3	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.981	F780	1605(F) UL



30	Continued ...							30
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	

PISTON PIN BUSH							
RB4053 UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

31	Engine				Year	Cyl	Bore x Stroke	31
WD 2144cc Inline5 SOHC 2v					06/1977 - 09/1982	L5	79.5mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
<i>Has plain shells. Suits until 12/85.</i>							
5B1076A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH

CONROD							
<i>Has plain shells. Suits until 12/85.</i>							
5B1076P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH

MAINS							
<i>Requires thrustwashers.</i>							
6M1604A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL

MAINS							
<i>Requires thrustwashers.</i>							
6M1604P STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL

MAINS							
<i>Set contains flanged thrust bearing.</i>							
6M1605A STD, .25, .50, .75	1,2,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	3	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.982	F810	1605A(F) UL

MAINS							
<i>Set contains flanged thrust bearing.</i>							
6M1605P STD, .25, .50, .75	1,2,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
	3	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.981	F780	1605(F) UL

THRUST							
2T1604 STD		63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL

THRUST							
2T1614 STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL

PISTON PIN BUSH							
RB4053 UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

32	Engine				Year	Cyl	Bore x Stroke	32
4B 1781cc Inline4 SOHC 2v					03/1985 - 12/1990	L4	81.0mm x 86.4mm	
NP 1781cc Inline4 SOHC 2v					10/1984 - 12/1990	L4	81.0mm x 86.4mm	
PH 1781cc Inline4 SOHC 2v					04/1985 - 12/1990	L4	81.0mm x 86.4mm	
RS 1781cc Inline4 SOHC 2v					08/1982 - 12/1987	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
<i>Has plain shells. Suits until 12/85.</i>							
4B1076A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH

CONROD							
<i>Has plain shells. Suits until 12/85.</i>							
4B1076P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH

CONROD							
<i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH

32		Continued ...						32	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
RACE SERIES	CONROD	<i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH		
RACE SERIES	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH		
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>							
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH		
5M1644A STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U		
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L		
RACE SERIES	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U		
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L		
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>							
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U		
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L		
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL		
5C7008 STD	CAMS	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	F820	7008		
2BS7006 UNB	AUX	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		F23	7006		
		2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		F23	7007		
4RB4170 UNB	PISTON PIN BUSH	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	4RB4170		
RB4170 UNB	PISTON PIN BUSH	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	RB4170		



33 Engine		Year	Cyl	Bore x Stroke	33		
PM 1781cc Inline4 SOHC 2v		03/1988 - 12/1991	L4	81.0mm x 86.4mm			
PP 1595cc Inline4 SOHC 2v		03/1987 - 12/1991	L4	81.0mm x 77.4mm			
RN 1595cc Inline4 SOHC 2v		08/1986 - 12/1991	L4	81.0mm x 77.4mm			
RU 1781cc Inline4 SOHC 2v		10/1986 - 01/1990	L4	81.0mm x 86.4mm			
SD 1847cc Inline4 SOHC 2v		09/1986 - 04/1989	L4	82.5mm x 86.4mm			
SF 1781cc Inline4 SOHC 2v		02/1986 - 07/1990	L4	81.0mm x 86.4mm			
SH 1781cc Inline4 SOHC 2v		02/1986 - 07/1990	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has one oil hole.</i>					
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES		<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
CONROD		<i>Has one oil hole.</i>					
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
MAINS		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				
RACE SERIES		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H L
		53.978/2.1251	59.019/2.3236				
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L
		53.978/2.1251	59.019/2.3236				
THRUST		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
2T1644 STD		59.700/2.3504	73.200/2.8819				
AUX		42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
2B57006 UNB	1	42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
PISTON PIN BUSH		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
4RB4170 UNB			23.000/.9055		25.00/.984	F100	4RB4170
			23.052/.9076				
PISTON PIN BUSH		<i>Has 6.5mm oil hole and part groove.</i>					
RB4170 UNB			23.000/.9055		25.00/.984	F100	RB4170
			23.052/.9076				



34 Engine		Year		Cyl	Bore x Stroke	34	
ABB 1595cc Inline4 SOHC 2v		08/1990 - 07/1993		L4	81.0mm x 77.4mm		
ABM 1595cc Inline4 SOHC 2v		01/1992 - 06/1994		L4	81.0mm x 77.4mm		
ADA 1595cc Inline4 SOHC 2v		06/1993 - 07/1995		L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has one oil hole.</i>					
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES		<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
CONROD		<i>Has one oil hole.</i>					
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
MAINS		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				
RACE SERIES		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H L
		53.978/2.1251	59.019/2.3236				
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L
		53.978/2.1251	59.019/2.3236				
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
CAMS							
5C7008 STD	1,2,3,4,5	25.939/1.0212	28.250/1.1122	1.138/.0448	17.00/.669	F820	7008
		25.960/1.0220	28.271/1.1130				
AUX							
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
PISTON PIN BUSH		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
4RB4171 UNB					25.00/.984	F100	4RB4171
		23.000/.9055 23.021/.9063					
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4173 UNB					25.00/.984	F100	4RB4173
		23.000/.9055 23.021/.9063					
PISTON PIN BUSH		<i>Has 3mm oil hole and full groove.</i>					
RB4171 UNB					25.00/.984	F100	RB4171
		23.000/.9055 23.021/.9063					



34 Continued ...							34
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4173 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4173
35 Engine				Year	Cyl	Bore x Stroke	35
ADP 1595cc Inline4 SOHC 2v				11/1994 - 10/1996	L4	81.0mm x 77.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
CONROD							
<i>Has one oil hole.</i>							
RACE SERIES 4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
CONROD							
<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
RACE SERIES 4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
CONROD							
<i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
MAINS							
<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
MAINS							
<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
RACE SERIES 5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
MAINS							
<i>0.001" extra oil clearance on STD journal.</i>							
RACE SERIES 5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
PISTON PIN BUSH							
<i>Set of 4. Has 3mm oil hole and full groove.</i>							
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
PISTON PIN BUSH							
<i>Has 3mm oil hole and full groove.</i>							
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171



36	Engine	Year	Cyl	Bore x Stroke	36
	AJP 1781cc Inline4 SOHC 2v	12/1997 - 01/2005	L4	81.0mm x 86.4mm	
	AQE 1781cc Inline4 DOHC 5v	07/1997 - 01/2005	L4	81.0mm x 86.4mm	
	ARH 1781cc Inline4 DOHC 5v	07/1997 - 01/2005	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Has one oil hole.</i>					
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES	CONROD	<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
	CONROD	<i>Has one oil hole.</i>					
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>					
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

37	Engine	Year	Cyl	Bore x Stroke	37
	APF 1595cc Inline4 SOHC 2v	09/1996 - 05/2003	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Has one oil hole.</i>					
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES	CONROD	<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
	CONROD	<i>Has one oil hole.</i>					
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
RACE SERIES	CONROD	<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L



37 Continued ...								37
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U	
	MAINS	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	MAINS	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L	
	THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
	AUX							
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>						
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171	
	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>						
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171	



38	Engine	Year	Cyl	Bore x Stroke	38
	AGN 1781cc Inline4 DOHC 5v	09/1996 - 07/2004	L4	81.0mm x 86.4mm	
	APG 1781cc Inline4 DOHC 5v	11/1999 - 06/2003	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Has one oil hole.</i>					
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES	CONROD	<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
5M1653P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
5M1668A STD, .25, .50, .75	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>			25.00/.984	F100	4RB4171
			23.000/.9055 23.021/.9063				
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>			25.00/.984	F100	RB4171
			23.000/.9055 23.021/.9063				

39	Engine	Year	Cyl	Bore x Stroke	39
	AJQ 1781cc Inline4 DOHC 5v Turbo	10/1998 - 06/2006	L4	81.0mm x 86.4mm	
	AMK 1781cc Inline4 DOHC 5v Turbo	09/2000 - 04/2002	L4	81.0mm x 86.4mm	
	APP 1781cc Inline4 DOHC 5v Turbo	12/1998 - 06/2006	L4	81.0mm x 86.4mm	
	APY 1781cc Inline4 DOHC 5v Turbo	11/1998 - 08/2000	L4	81.0mm x 86.4mm	
	AQA 1781cc Inline4 DOHC 5v Turbo	08/1998 - 04/2001	L4	81.0mm x 86.4mm	
	AUL 1781cc Inline4 DOHC 5v Turbo	09/1999 - 04/2001	L4	81.0mm x 86.4mm	
	BFV 1781cc Inline4 DOHC 5v Turbo	03/2005 - 06/2006	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1668A STD, .25, .50, .75	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>			25.00/.984	F100	4RB4171
			23.000/.9055 23.021/.9063				



39 Continued ...							39
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

PISTON PIN BUSH		<i>Has 3mm oil hole and full groove.</i>					
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

40 Engine	Year	Cyl	Bore x Stroke	40
AGU 1781cc Inline4 DOHC 5v Turbo	12/1996 - 07/2004	L4	81.0mm x 86.4mm	
APU 1781cc Inline4 DOHC 5v Turbo	01/1995 - 01/2005	L4	81.0mm x 86.4mm	
ARZ 1781cc Inline4 DOHC 5v Turbo	12/1996 - 05/2003	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B5539D STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539 L
		47.778/1.8810	50.612/1.9926				5539D U
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F781	
		47.778/1.8810	50.612/1.9926				

CONROD							
4B5539P STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539 IH
		47.778/1.8810	50.612/1.9926				

MAINS		<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				1648A U
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	
		53.978/2.1251	59.019/2.3236				

MAINS		<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				1648 U
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	
		53.978/2.1251	59.019/2.3236				

MAINS		<i>Half Groove Set. Requires thrustwashers.</i>					
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
		53.978/2.1251	59.019/2.3236				1668A U
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	
		53.978/2.1251	59.019/2.3236				

THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

PISTON PIN BUSH		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171

PISTON PIN BUSH		<i>Has 3mm oil hole and full groove.</i>					
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

41 Engine	Year	Cyl	Bore x Stroke	41
ALZ 1595cc Inline4 SOHC 2v	06/2000 - 06/2008	L4	81.0mm x 77.4mm	
ANA 1595cc Inline4 SOHC 2v	11/1994 - 09/2001	L4	81.0mm x 77.4mm	
AVU 1595cc Inline4 SOHC 2v	08/1997 - 06/2003	L4	81.0mm x 77.4mm	
BFQ 1595cc Inline4 SOHC 2v	05/2002 - 06/2003	L4	81.0mm x 77.4mm	
BGU 1595cc Inline4 SOHC 2v	08/2003 - 05/2005	L4	81.0mm x 77.4mm	
BSE 1595cc Inline4 SOHC 2v	06/2005 - 06/2010	L4	81.0mm x 77.4mm	
BSF 1595cc Inline4 SOHC 2v	06/2005 - 06/2010	L4	81.0mm x 77.4mm	
CCSA 1598cc Inline4 SOHC 2v	05/2003 - On	L4	76.5mm x 86.9mm	
CMXA 1595cc Inline4 SOHC 2v	06/2010 - 07/2012	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B5531A STD, .25, .50		41.965/1.6522	45.000/1.7717	1.507/.0593	19.00/.748	F810	5531A UL
		41.980/1.6528	45.016/1.7723				

41 Continued ...							41
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5531P STD, .25, .50	CONROD	41.965/1.6522	45.000/1.7717	1.507/.0593	19.00/.748	F780	5531 UL
		41.980/1.6528	45.016/1.7723				
5M5533A STD, .25, .50	MAINS 1,2,3,4,5	<i>Half groove in all positions.</i>		2.508/.0987	18.50/.728	F810	5533A UL
		47.958/1.8881	53.000/2.0866				
2T5533 STD	THRUST	53.500/2.1063	65.550/2.5807		2.48/.097	F817	5533T UL
		53.750/2.1161	65.800/2.5905				

42 Engine				Year	Cyl	Bore x Stroke	42
ARK 1781cc Inline4 DOHC 5v Turbo				07/1998 - 07/1999	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802	50.600/1.9921				
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F781	1606H IH
		47.758/1.8802	50.600/1.9921				
RACE SERIES 4B1606HX STD	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		1.392/.0548	19.00/.748	F781	1606HX IH
		47.758/1.8802	50.600/1.9921				
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
		47.758/1.8802	50.600/1.9921				
4B5539D STD, .25, .50	CONROD	47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F781	5539D U
		47.778/1.8810	50.612/1.9926				
5M1653A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		2.502/.0985	18.49/.728	F810	1644A L
		53.958/2.1243	59.000/2.3228				
		53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		53.958/2.1243	59.000/2.3228				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>			25.00/.984	F100	4RB4171
			23.000/.9055				
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>			25.00/.984	F100	RB4171
			23.021/.9063				

43 Engine				Year	Cyl	Bore x Stroke	43
AVV 1781cc Inline4 DOHC 5v				01/1995 - 10/2005	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802	50.600/1.9921				
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F781	1606H IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				



43 Continued ...							43
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES							
4B1606HX STD	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8810	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
5M1653P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
		53.958/2.1243	59.000/2.3228				
5M1668A STD, .25, .50, .75	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
		53.958/2.1243	59.000/2.3228				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
2B57006 UNB	AUX 1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
			23.000/.9055		25.00/.984	F100	4RB4171
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>					
			23.000/.9055		25.00/.984	F100	RB4171
			23.021/.9063				

44 Engine				Year	Cyl	Bore x Stroke	44
DD 1781cc Inline4 SOHC 2v				08/1981 - 07/1983	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1636A STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells.</i>					
		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A IH
4B1636P STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has plain shells.</i>					
		45.970/1.8098	49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
5M1643A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
		53.958/2.1243	59.000/2.3228				
	3	53.978/2.1251	59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
		53.958/2.1243	59.000/2.3228				
	4	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
		53.958/2.1243	59.000/2.3228				
5M1643P STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
	1,2,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
		53.958/2.1243	59.000/2.3228				
	3	53.978/2.1251	59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
		53.958/2.1243	59.000/2.3228				



44 Continued ...							44	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1643P STD, .25, .50, .75, 1.00	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
	MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL	
	THRUST							
2T1644 STD			59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	CAMS							
5C7008 STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008	
	AUX							
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
	PISTON PIN BUSH							
RB4053 UNB			21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

45 Engine				Year	Cyl	Bore x Stroke	45
DR 1781cc Inline4 SOHC 2v				05/1982 - 10/1986	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD		<i>Has one oil hole.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD		<i>Has one oil hole.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781
RACE SERIES 4B1606HX STD	CONROD		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781
4B1606P STD, .25, .50, .75, 1.00	CONROD		<i>Has one oil hole.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780
5M1643A STD, .25, .50, .75, 1.00	MAINS		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>				
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L



45		Continued ...						45		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.			
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>										
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U			
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L			
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL			
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L			
	MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>									
	5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U		
		1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L		
		4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L		
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>										
RACE SERIES		5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
			1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
			4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
			MAINS <i>0.001" extra oil clearance on STD journal.</i>							
RACE SERIES		5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
			1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
			4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
			THRUST							
2T1644 STD			59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL		
			AUX							
2B57006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006			
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007			
			PISTON PIN BUSH <i>Set of 4. Has 6.5mm oil hole and part groove.</i>							
	4RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170		
		PISTON PIN BUSH <i>Has 6.5mm oil hole and part groove.</i>								
RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170			

46		Engine	Year	Cyl	Bore x Stroke	46			
		JW 1781cc Inline4 SOHC 2v	03/1983 - 12/1990	L4	81.0mm x 86.4mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
CONROD <i>Has one oil hole.</i>									
4B1606A STD, .25, .50, .75, 1.00, 1.50			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
	RACE SERIES		CONROD <i>Has one oil hole.</i>						
4B1606H STD, .025, .25, .50			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
	RACE SERIES		CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
4B1606HX STD			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	



46		Continued ...						46
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD		<i>Has one oil hole.</i>						
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606	
		47.778/1.8810	50.619/1.9929				IH	
MAINS		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
MAINS		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
MAINS		<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
RACE SERIES		<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				L	
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>						
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				L	
MAINS		<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>						
5M1645A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
THRUST		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T	
2T1644 STD		59.700/2.3504	73.200/2.8819				UL	
AUX								
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					



46 Continued ...							46
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2BS7006 UNB	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
PISTON PIN BUSH		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
4RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
PISTON PIN BUSH		<i>Has 6.5mm oil hole and part groove.</i>					
RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170

47 Engine	Year	Cyl	Bore x Stroke	47
DT 1595cc Inline4 SOHC 2v	08/1983 - 03/1987	L4	81.0mm x 77.4mm	
JU 1595cc Inline4 SOHC 2v	08/1983 - 03/1987	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD		<i>Has plain shells. Suits until 12/85.</i>						
4B1076A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH	
CONROD		<i>Has plain shells. Suits until 12/85.</i>						
4B1076P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH	
CONROD		<i>Has one oil hole.</i>						
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
RACE SERIES		<i>Has one oil hole.</i>						
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
RACE SERIES		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
CONROD		<i>Has plain shells.</i>						
4B1636A STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH	
CONROD		<i>Has plain shells.</i>						
4B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH	
MAINS		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	MAINS		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
	5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
		1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
		3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
4		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
MAINS		<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	



47 Continued ...							47
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1644A STD, .25, .50, .75, 1.00	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
MAINS	<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
MAINS	<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL
THRUST	<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	AUX	<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
PISTON PIN BUSH	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>						
4RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
	PISTON PIN BUSH	<i>Has 6.5mm oil hole and part groove.</i>					
RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170

48 Engine		Year	Cyl	Bore x Stroke	48			
MG 1781cc Inline4 SOHC 2v		08/1985 - 03/1987	L4	81.0mm x 86.4mm				
MU 1781cc Inline4 SOHC 2v		06/1984 - 03/1987	L4	81.0mm x 86.4mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD	<i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
	RACE SERIES	CONROD	<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	



48		Continued ...						48
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES		CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
4B1606P STD, .25, .50, .75, 1.00		CONROD <i>Has one oil hole.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
5M1643A STD, .25, .50, .75, 1.00		MAINS <i>Full groove on #4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
5M1643P STD, .25, .50, .75, 1.00		MAINS <i>Full groove on #4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
2T1644 STD		THRUST						
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
2B57006 UNB		AUX						
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
4RB4170 UNB		PISTON PIN BUSH <i>Set of 4. Has 6.5mm oil hole and part groove.</i>						
			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170	
RB4170 UNB		PISTON PIN BUSH <i>Has 6.5mm oil hole and part groove.</i>						
			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170	

49		Engine	Year	Cyl	Bore x Stroke	49	
		NE 1781cc Inline4 SOHC 2v	08/1984 - 12/1991	L4	81.0mm x 86.4mm		
		PV 1781cc Inline4 SOHC 2v	03/1985 - 07/1988	L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50		CONROD <i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES		CONROD <i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES		CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
4B1606P STD, .25, .50, .75, 1.00		CONROD <i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH



49 Continued ...							49
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				L
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H
		53.978/2.1251	59.019/2.3236				L
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236				L
MAINS <i>0.001" extra oil clearance on STD journal.</i>							
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX
		53.978/2.1251	59.019/2.3236				L
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236				L
AUX							
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
PISTON PIN BUSH <i>Set of 4. Has 6.5mm oil hole and part groove.</i>							
4RB4170 UNB			23.000/.9055		25.00/.984	F100	4RB4170
			23.052/.9076				
PISTON PIN BUSH <i>Has 6.5mm oil hole and part groove.</i>							
RB4170 UNB			23.000/.9055		25.00/.984	F100	RB4170
			23.052/.9076				

50	Engine	Year	Cyl	Bore x Stroke	50		
	SA 1595cc Inline4 SOHC 2v	02/1986 - 03/1987	L4	81.0mm x 77.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
		47.778/1.8810	50.619/1.9929				IH



50		Continued ...						50
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES	CONROD	<i>Has one oil hole.</i>						
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
RACE SERIES	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
5M1643A STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
5M1643P STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
5M1654A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
5M1654P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL	
2BS7006 UNB	AUX							
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
4RB4170 UNB	PISTON PIN BUSH	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	4RB4170	
RB4170 UNB	PISTON PIN BUSH	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	RB4170	

51	Engine	Year	Cyl	Bore x Stroke	51
	AZV 1968cc Inline4 DOHC 4v Turbo Diesel	05/2003 - 04/2008	L4	81.0mm x 95.5mm	
	BKD 1968cc Inline4 DOHC 4v Turbo Diesel	05/2003 - 04/2008	L4	81.0mm x 95.5mm	
	BLB 1968cc Inline4 DOHC 4v Turbo Diesel	07/2004 - 10/2008	L4	81.0mm x 95.5mm	
	BNA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2004 - 10/2008	L4	81.0mm x 95.5mm	
	BRE 1968cc Inline4 DOHC 4v Turbo Diesel	11/2004 - 10/2008	L4	81.0mm x 95.5mm	
	BRF 1968cc Inline4 DOHC 4v Turbo Diesel	11/2004 - 10/2008	L4	81.0mm x 95.5mm	
	BUY 1968cc Inline4 DOHC 4v Turbo Diesel	06/2006 - 06/2008	L4	81.0mm x 95.5mm	
	BVA 1968cc Inline4 DOHC 4v Turbo Diesel	06/2006 - 06/2008	L4	81.0mm x 95.5mm	
	BVF 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - 11/2006	L4	81.0mm x 95.5mm	
	BVG 1968cc Inline4 DOHC 4v Turbo Diesel	09/2005 - 10/2008	L4	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B5538D STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L
		50.878/2.0031	53.712/2.1146				
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D U
		50.878/2.0031	53.712/2.1146				
CONROD							
4B5538P STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH
		50.878/2.0031	53.712/2.1146				
MAINS							
5M5540A STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				
MAINS							
5M5540P STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
CAMS							
10C7005 STD	Exhaust	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
	Inlet	25.939/1.0212	29.000/1.1417	1.513/.0596	22.00/.866	F780	7005
		25.960/1.0220	29.021/1.1426				



52	Engine	Year	Cyl	Bore x Stroke	52
	BMM 1968cc Inline4 SOHC 2v Turbo Diesel	06/2005 - 06/2008	L4	81.0mm x 95.5mm	
	BMN 1968cc Inline4 DOHC 4v Turbo Diesel	03/2006 - 08/2012	L4	81.0mm x 95.5mm	
	BPW 1968cc Inline4 SOHC 2v Turbo Diesel	11/2004 - 03/2009	L4	81.0mm x 95.5mm	
	BRC 1968cc Inline4 SOHC 2v Turbo Diesel	01/2006 - 03/2009	L4	81.0mm x 95.5mm	
	CAGA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	81.0mm x 95.5mm	
	CAGB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	81.0mm x 95.5mm	
	CAGC 1968cc Inline4 DOHC 4v Turbo Diesel	06/2008 - On	L4	81.0mm x 95.5mm	
	CAHA 1968cc Inline4 DOHC 4v Turbo Diesel	01/2008 - On	L4	81.0mm x 95.5mm	
	CAHB 1968cc Inline4 DOHC 4v Turbo Diesel	08/2008 - On	L4	81.0mm x 95.5mm	
	CBAA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2008 - 05/2010	L4	81.0mm x 95.5mm	
	CBAB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2008 - 05/2010	L4	81.0mm x 95.5mm	
	CBBB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2008 - On	L4	81.0mm x 95.5mm	
	CFAA 1968cc Inline4 DOHC 4v Turbo Diesel	05/2003 - On	L4	81.0mm x 95.5mm	
	CFFB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2009 - On	L4	81.0mm x 95.5mm	
	CFGB 1968cc Inline4 DOHC 4v Turbo Diesel	02/2010 - 08/2012	L4	81.0mm x 95.5mm	
	CFHD 1968cc Inline4 DOHC 4v Turbo Diesel	09/2011 - On	L4	81.0mm x 95.5mm	
	CGLA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2008 - On	L4	81.0mm x 95.5mm	
	CGLB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2008 - On	L4	81.0mm x 95.5mm	
	CGLC 1968cc Inline4 DOHC 4v Turbo Diesel	03/2011 - On	L4	81.0mm x 95.5mm	
	CGLD 1968cc Inline4 DOHC 4v Turbo Diesel	03/2011 - On	L4	81.0mm x 95.5mm	
	CJCA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2010 - On	L4	81.0mm x 95.5mm	
	CJCB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2010 - On	L4	81.0mm x 95.5mm	
	CLJA 1968cc Inline4 DOHC 4v Turbo Diesel	02/2010 - 08/2012	L4	81.0mm x 95.5mm	
	CMEA 1968cc Inline4 DOHC 4v Turbo Diesel	09/2009 - On	L4	81.0mm x 95.5mm	
	CMGB 1968cc Inline4 DOHC 4v Turbo Diesel	03/2011 - On	L4	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B5538D STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L
		50.878/2.0031	53.712/2.1146				
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D U
		50.878/2.0031	53.712/2.1146				
	CONROD						
4B5538P STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH
		50.878/2.0031	53.712/2.1146				
	MAINS						
5M5540A STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				
	MAINS						
5M5540P STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				
	THRUST						
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

53	Engine	Year	Cyl	Bore x Stroke	53
	3B 2226cc Inline5 DOHC 4v Turbo	01/1989 - 12/1996	L5		
	AAN 2226cc Inline5 DOHC 4v Turbo	08/1991 - 08/1997	L5	81.0mm x 86.0mm	
	ABY 2226cc Inline5 DOHC 4v Turbo	10/1992 - 12/1995	L5	81.0mm x 86.4mm	
	ADU 2226cc Inline5 DOHC 4v Turbo	03/1994 - 07/1995	L5	81.0mm x 86.4mm	
	RR 2226cc Inline5 DOHC 4v Turbo	08/1989 - 07/1991	L5	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	MAINS	<i>Requires thrustwashers.</i>					
6M1604A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818	63.000/2.4803	2.502/.0985	18.50/.728	F810	1604A UL
		57.978/2.2826	63.019/2.4811				
	MAINS	<i>Requires thrustwashers.</i>					
6M1604P STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818	63.000/2.4803	2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				



53 Continued ...							53
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T1604 STD	THRUST	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
2T1614 STD	THRUST	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055	25.00/.984	F100	4RB4171
				23.021/.9063			
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055	25.00/.984	F100	RB4171
				23.021/.9063			

54 Engine				Year	Cyl	Bore x Stroke	54
KM 2226cc Inline5 SOHC 2v				09/1982 - 07/1985	L5	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B1076A STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F810	1076A IH
		47.758/1.8802	50.600/1.9921				
5B1076P STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F780	1076 IH
		47.778/1.8810	50.619/1.9929				
6M1604A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	63.000/2.4803				
6M1604P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				
2T1604 STD	THRUST	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
2T1614 STD	THRUST	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
4RB4170 UNB	PISTON PIN BUSH	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		23.000/.9055	25.00/.984	F100	4RB4170
				23.052/.9076			
RB4170 UNB	PISTON PIN BUSH	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055	25.00/.984	F100	RB4170
				23.052/.9076			

55 Engine				Year	Cyl	Bore x Stroke	55
RT 1994cc Inline5 SOHC 2v				01/1988 - 12/1990	L5	81.0mm x 77.4mm	
SK 1994cc Inline5 SOHC 2v				02/1986 - 03/1987	L5	81.0mm x 77.4mm	
SL 1994cc Inline5 SOHC 2v				02/1986 - 12/1987	L5	81.0mm x 77.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B1606A STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802	50.600/1.9921				
5B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
6M1604A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	63.000/2.4803				
		57.978/2.2826	63.019/2.4811				



55 Continued ...							55	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
6M1604P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
		57.958/2.2818	57.978/2.2826					
2T1604 STD	THRUST	63.500/2.5000	77.200/3.0394	77.450/3.0492	1.98/.078	F817	1604T UL	
		63.750/2.5098						
2T1614 STD	THRUST	63.500/2.5000	76.950/3.0295	77.200/3.0394	1.98/.078	F817	1614T UL	
		63.750/2.5098						
4RB4170 UNB	PISTON PIN BUSH	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	4RB4170	
RB4170 UNB	PISTON PIN BUSH	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	RB4170	

56 Engine				Year	Cyl	Bore x Stroke	56	
HY 2226cc Inline5 SOHC 2v				06/1984 - 07/1988	L5	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5B1076A STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>		50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH
		47.758/1.8802	47.778/1.8810					
5B1076P STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>		50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH
		47.758/1.8802	47.778/1.8810					
5B1606A STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802	47.778/1.8810					
5B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
		47.758/1.8802	47.778/1.8810					
6M1604A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	57.978/2.2826					
6M1604P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
		57.958/2.2818	57.978/2.2826					
6M1605A STD, .25, .50, .75	MAINS 1,2,4,5,6	<i>Set contains flanged thrust bearing.</i>		63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	57.978/2.2826					
		3	57.958/2.2818 57.978/2.2826					
6M1605P STD, .25, .50, .75	MAINS 1,2,4,5,6	<i>Set contains flanged thrust bearing.</i>		63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
		57.958/2.2818	57.978/2.2826					
		3	57.958/2.2818 57.978/2.2826					
2T1604 STD	THRUST	63.500/2.5000	77.200/3.0394	77.450/3.0492	1.98/.078	F817	1604T UL	
		63.750/2.5098						
2T1614 STD	THRUST	63.500/2.5000	76.950/3.0295	77.200/3.0394	1.98/.078	F817	1614T UL	
		63.750/2.5098						
4RB4170 UNB	PISTON PIN BUSH	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	4RB4170	



56 Continued ... 56

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Has 6.5mm oil hole and part groove.</i>							
RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170

Engine	Year	Cyl	Bore x Stroke	57
1T 2461cc Inline5 SOHC 2v	01/1990 - 12/1990	L5	81.0mm x 95.5mm	
AAT 2461cc Inline5 SOHC 2v	08/1991 - 10/1997	L5	81.0mm x 95.5mm	
ABP 2461cc Inline5 SOHC 2v	06/1991 - 07/1992	L5	81.0mm x 95.5mm	
AEL 2461cc Inline5 SOHC 2v	10/1994 - 10/1997	L5	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Requires thrustwashers.</i>							
6M1604A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
MAINS <i>Requires thrustwashers.</i>							
6M1604P STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
THRUST							
2T1604 STD		63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
THRUST							
2T1614 STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL

Engine	Year	Cyl	Bore x Stroke	58
ACE 1984cc Inline4 DOHC 4v	01/1992 - 10/1997	L4	82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES CONROD <i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES MAINS <i>0.001" extra oil clearance on STD journal.</i>							
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U



58 Continued ...							58
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1644HX STD	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
	THRUST						
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
2T1644 STD	AUX						
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007

59 Engine	Year	Cyl	Bore x Stroke	59
AAD 1984cc Inline4 SOHC 2v	08/1990 - 12/1992	L4	82.5mm x 92.8mm	
AAE 1984cc Inline4 SOHC 2v	12/1990 - 06/1996	L4	82.5mm x 92.8mm	
ABK 1984cc Inline4 SOHC 2v	08/1991 - 12/1998	L4	82.5mm x 92.8mm	
ABT 1984cc Inline4 SOHC 2v	09/1991 - 06/1995	L4	82.5mm x 92.8mm	
ADW 1984cc Inline4 SOHC 2v	11/1993 - 10/1997	L4	82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD	<i>Has one oil hole.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
RACE SERIES 4B1606HX STD	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
5M1644A STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	RACE SERIES 5M1644H STD, .25, .50	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
			1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780
1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L		
4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L		
RACE SERIES 5M1644HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
	THRUST							
			59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL

59 Continued ... 59

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2BS7006 UNB	AUX 1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
4RB4173 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		23.000/.9055	25.00/.984	F100	4RB4173
				23.021/.9063			
RB4173 UNB	PISTON PIN BUSH			23.000/.9055	25.00/.984	F100	RB4173
				23.021/.9063			

60 Engine	Year	Cyl	Bore x Stroke	60
BDB 3189cc V6 DOHC 4v	07/2003 - 05/2009	V6	84.0mm x 95.9mm	
BHE 3189cc V6 DOHC 4v	07/2003 - 06/2006	V6	84.0mm x 95.9mm	
BMJ 3189cc V6 DOHC 4v	07/2003 - 05/2009	V6	84.0mm x 95.9mm	
BPF 3189cc V6 DOHC 4v	06/2004 - 05/2005	V6	84.0mm x 95.9mm	
BUB 3189cc V6 DOHC 4v	11/2005 - 06/2010	V6	84.0mm x 95.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B5530A STD, .25, .50	CONROD	53.958/2.1243	56.800/2.2362	1.404/.0553	17.00/.669	F810	5530A IH
		53.978/2.1251	56.819/2.2370				
RACE SERIES 6B5530H STD, .025, .25	CONROD	53.958/2.1243	56.800/2.2362	1.404/.0553	17.00/.669	F781	5530H IH
		53.978/2.1251	56.819/2.2370				
RACE SERIES 6B5530HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.391/.0548	17.00/.669	F781	5530HX IH
		53.958/2.1243	56.800/2.2362				
53.978/2.1251	56.819/2.2370			2.501/.0985	17.00/.669	F810	5532A UL
7M5532A STD, .25, .50	MAINS 1,2,3,4,5,6,7	59.958/2.3605	65.000/2.5591	2.501/.0985	17.00/.669	F780	5532H UL
		59.978/2.3613	65.010/2.5594				
RACE SERIES 7M5532H STD, .025, .25	MAINS 1,2,3,4,5,6,7	59.958/2.3605	65.000/2.5591	2.501/.0985	17.00/.669	F780	5532H UL
		59.978/2.3613	65.010/2.5594				
RACE SERIES 7M5532HX STD	MAINS 1,2,3,4,5,6,7	<i>0.001" extra oil clearance on STD journal.</i>		2.488/.0980	17.00/.669	F780	5532HX UL
		59.958/2.3605	65.000/2.5591				
59.978/2.3613	65.010/2.5594			1.72/.068	F817	5532T U	
2T5532 STD	THRUST	65.450/2.5768	79.760/3.1402		1.72/.068	F817	5532T U
		65.690/2.5862	80.000/3.1496				
1BS7006 UNB	AUX	<i>For Front position only.</i>			15.00/.591	F23	7006
		42.959/1.6913	46.000/1.8110				
42.975/1.6919	46.025/1.8120				20.00/.787	F100	7009
1BS7009 UNB	AUX	<i>For Rear position only.</i>			20.00/.787	F100	7009
		14.473/.5698	17.500/.6890				
14.484/.5702	17.518/.6897			1.800/.0709	20.00/.787	F100	RB4140
RB4140 UNB	PISTON PIN BUSH			23.000/.9055	20.00/.787	F100	RB4140
				23.052/.9076			

61 Engine	Year	Cyl	Bore x Stroke	61
BHK 3597cc V6 DOHC 4v	08/2006 - On	V6	89.0mm x 96.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B5530A STD, .25, .50	CONROD	53.958/2.1243	56.800/2.2362	1.404/.0553	17.00/.669	F810	5530A IH
		53.978/2.1251	56.819/2.2370				



61 Continued ...							61
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 6B5530H STD, .025, .25	CONROD	53.958/2.1243	56.800/2.2362	1.404/.0553	17.00/.669	F781	5530H IH
		53.978/2.1251	56.819/2.2370				
RACE SERIES 6B5530HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		53.958/2.1243	56.800/2.2362	1.391/.0548	17.00/.669	F781	5530HX IH
		53.978/2.1251	56.819/2.2370				
7M5532A STD, .25, .50	MAINS 1,2,3,4,5,6,7	59.958/2.3605	65.000/2.5591	2.501/.0985	17.00/.669	F810	5532A UL
		59.978/2.3613	65.010/2.5594				
RACE SERIES 7M5532H STD, .025, .25	MAINS 1,2,3,4,5,6,7	59.958/2.3605	65.000/2.5591	2.501/.0985	17.00/.669	F780	5532H UL
		59.978/2.3613	65.010/2.5594				
RACE SERIES 7M5532HX STD	MAINS 1,2,3,4,5,6,7	<i>0.001" extra oil clearance on STD journal.</i>					
		59.958/2.3605	65.000/2.5591	2.488/.0980	17.00/.669	F780	5532HX UL
		59.978/2.3613	65.010/2.5594				
2T5532 STD	THRUST	65.450/2.5768	79.760/3.1402		1.72/.068	F817	5532T U
		65.690/2.5862	80.000/3.1496				
RB4140 UNB	PISTON PIN BUSH		23.000/.9055	1.800/.0709	20.00/.787	F100	RB4140
				23.052/.9076			

62 Engine				Year	Cyl	Bore x Stroke	62
1500N 1496cc Inline4 SOHC 2v				01/1969 - 12/1976	L4	80.0mm x 74.4mm	
1700N 1697cc Inline4 SOHC 2v				01/1965 - 12/1976	L4	80.0mm x 84.4mm	
1800S,1800N 1760cc Inline4 SOHC 2v				01/1966 - 01/1992	L4	81.5mm x 84.4mm	
1900S 1871cc Inline4 SOHC 2v				01/1970 - 12/1976	L4	84.0mm x 84.4mm	
ZJ 1871cc Inline4 SOHC 2v				08/1971 - 12/1976	L4	84.0mm x 84.4mm	
ZP 1871cc Inline4 SOHC 2v				07/1970 - 07/1971	L4	84.0mm x 84.4mm	
ZX 1760cc Inline4 SOHC 2v				11/1968 - 11/1971	L4	81.5mm x 84.4mm	
ZZ 1760cc Inline4 SOHC 2v				08/1968 - 02/1974	L4	81.5mm x 84.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1706P STD, .25, .50, .75, 1.00	CONROD	47.948/1.8877	51.600/2.0315	1.805/.0711	21.00/.827	F780	1706 IH
		47.960/1.8882	51.613/2.0320				
5M1707P STD, .25, .50, .75	MAINS 1,2,4,5	59.947/2.3601	64.000/2.5197	2.005/.0789	21.00/.827	F780	1707 UL
		59.962/2.3607	64.013/2.5202				
	3	59.947/2.3601	64.000/2.5197	2.005/.0789	27.90/1.098	F780	1708(F) UL
		59.962/2.3607	64.013/2.5202				

63 Engine				Year	Cyl	Bore x Stroke	63
HB 1093cc Inline4 SOHC 2v				08/1974 - 07/1978	L4	69.5mm x 72.0mm	
HC 1093cc Inline4 SOHC 2v				08/1974 - 07/1977	L4	69.5mm x 72.0mm	
HD 1093cc Inline4 SOHC 2v				08/1976 - 07/1978	L4	69.5mm x 72.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1610A STD, .25, .50, .75, 1.00, 1.50	CONROD	41.950/1.6516	45.000/1.7717	1.506/.0593	18.00/.709	F810	1610A IH
		41.970/1.6524	45.016/1.7723				
4B1610P STD, .25, .50, .75, 1.00, 1.25	CONROD	41.965/1.6522	45.000/1.7717	1.505/.0593	18.00/.709	F780	1610 IH
		41.980/1.6528	45.016/1.7723				
5M1643A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				



63 Continued ...							63
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1643A STD, .25, .50, .75, 1.00	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L
	MAINS <i>Full Groove Set. Requires thrustwashers.</i>						
5M1648A STD, .25, .50, .75, 1.00, 1.25		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH
	MAINS <i>Full Groove Set. Overwidth flange on undersizes.</i>						
5M1675A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1675A(F) UL
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	THRUST						
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
		41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
	2						
		AUX					
4RB4169 UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	4RB4169
	PISTON PIN BUSH <i>Set of 4.</i>						
RB4169 UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	RB4169
	PISTON PIN BUSH						

64 Engine	Year	Cyl	Bore x Stroke	64
FY 1272cc Inline4 SOHC 2v	08/1978 - 07/1981	L4	75.0mm x 72.0mm	
FZ 1272cc Inline4 SOHC 2v	08/1978 - 07/1981	L4	75.0mm x 72.0mm	
HH 1272cc Inline4 SOHC 2v	08/1977 - 07/1978	L4	75.0mm x 72.0mm	
HJ 1272cc Inline4 SOHC 2v	01/1977 - 07/1978	L4	75.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1610A STD, .25, .50, .75, 1.00, 1.50		41.950/1.6516 41.970/1.6524	45.000/1.7717 45.016/1.7723	1.506/.0593	18.00/.709	F810	1610A IH
	CONROD						
4B1610P STD, .25, .50, .75, 1.00, 1.25		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.505/.0593	18.00/.709	F780	1610 IH
	CONROD						
5M1648A STD, .25, .50, .75, 1.00, 1.25		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH
	MAINS <i>Full Groove Set. Requires thrustwashers.</i>						
5M1675A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	MAINS <i>Full Groove Set. Overwidth flange on undersizes.</i>						



64 Continued ...							64
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1675A STD, .25, .50, .75, 1.00	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1675A(F) UL
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
2BS7006 UNB	AUX						
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
4RB4169 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		23.000/.9055 23.025/.9065	24.00/.945	F100	4RB4169
RB4169 UNB	PISTON PIN BUSH			23.000/.9055 23.025/.9065	24.00/.945	F100	RB4169

65 Engine		Year	Cyl	Bore x Stroke	65		
EP 1297cc Inline4 SOHC 2v		09/1978 - 07/1986	L4	75.0mm x 73.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES 4B1606HX STD	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		1.392/.0548	19.00/.748	F781	1606HX IH
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
4B1636A STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells.</i>		1.506/.0593	19.00/.748	F810	1636A IH
4B1636P STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has plain shells.</i>		1.506/.0593	19.00/.748	F780	1636 IH
5M1643A STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
5M1643P STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L



65 Continued ... 65

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				
RACE SERIES <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H L
		53.978/2.1251	59.019/2.3236				
RACE SERIES <i>0.001" extra oil clearance on STD journal.</i>							
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L
		53.978/2.1251	59.019/2.3236				
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
AUX							
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
PISTON PIN BUSH <i>Set of 4. Has 6.5mm oil hole and part groove.</i>							
4RB4170 UNB			23.000/.9055		25.00/.984	F100	4RB4170
			23.052/.9076				
PISTON PIN BUSH <i>Has 6.5mm oil hole and part groove.</i>							
RB4170 UNB			23.000/.9055		25.00/.984	F100	RB4170
			23.052/.9076				

66 Engine Year Cyl Bore x Stroke 66

ANY 1191cc Inline3 SOHC 2v Turbo Diesel 03/2001 - 08/2005 L3 76.5mm x 86.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
3B5537D STD, .25, .50		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D
		47.778/1.8810	50.612/1.9926				U
		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537
		47.778/1.8810	50.612/1.9926				L
CONROD							
3B5537P STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537
		47.778/1.8810					IH
CAMS							
4C7004 STD	1,2,3,4	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
AUX <i>Rocker Arm Bush</i>							
1BS7010 UNB		31.984/1.2592	35.000/1.3780		22.00/.866	F810	7010
		32.000/1.2598	35.025/1.3789				
AUX <i>Rocker Arm Bush</i>							
1BS7011 UNB		31.984/1.2592	35.000/1.3780		22.00/.866	F810	7010
		32.000/1.2598	35.025/1.3789				



67 Engine		Year	Cyl	Bore x Stroke	67		
AMF 1422cc Inline3 SOHC 2v Turbo Diesel		02/2000 - 08/2005	L3	79.5mm x 95.5mm			
ATL 1422cc Inline3 SOHC 2v Turbo Diesel		11/2003 - 08/2005	L3	79.5mm x 95.5mm			
BHC 1422cc Inline3 SOHC 2v Turbo Diesel		02/2000 - 08/2005	L3	79.5mm x 95.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
3B5537D STD, .25, .50		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537
		47.778/1.8810	50.612/1.9926				L
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D
		47.778/1.8810	50.612/1.9926				U
3B5537P STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537
		47.778/1.8810					IH
4M5552A STD, .25, .50	1,2,3,4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	5552A
		53.978/2.1251	59.019/2.3236				UL
2T5535 STD	THRUST	59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T
		59.750/2.3524	71.800/2.8268				UL
4C7004 STD	1,2,3,4	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
1B57010 UNB	AUX	Rocker Arm Bush					
		31.984/1.2592	35.000/1.3780		22.00/.866	F810	7010
1B57011 UNB	AUX	Rocker Arm Bush					
		31.984/1.2592	35.000/1.3780		22.00/.866	F810	7010
32.000/1.2598	35.025/1.3789						
32.000/1.2598	35.025/1.3789						
68 Engine							
RA 1588cc Inline4 SOHC 2v Turbo Diesel		09/1986 - 09/1991	L4	76.5mm x 86.4mm	68		
SB 1588cc Inline4 SOHC 2v Turbo Diesel		09/1986 - 08/1991	L4	76.5mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1606A STD, .25, .50, .75, 1.00, 1.50		<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
4B1606P STD, .25, .50, .75, 1.00		<i>Has one oil hole.</i>					
		47.778/1.8810	50.619/1.9929				IH
4B5534A STD, .25, .50, .75, 1.00		<i>No Hole. To be superceded by 4B1606A.</i>					
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A
4B5534P STD, .25, .50, .75, 1.00		<i>No Hole. To be superceded by 4B1606P.</i>					
		47.778/1.8810	50.619/1.9929				IH
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
	1,2,3,4,5	53.978/2.1251	59.019/2.3236				U
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.978/2.1251	59.019/2.3236				L
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL

68	Continued ...		68
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	PISTON PIN BUSH		<i>Set of 4.</i>				
4RB4172 UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4172
	PISTON PIN BUSH						
RB4172 UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4172

69	Engine	Year	Cyl	Bore x Stroke	69
	1Y 1896cc Inline4 SOHC 2v Diesel	08/1989 - 12/1991	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD		<i>Has one oil hole.</i>				
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
	CONROD		<i>Has one oil hole.</i>				
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	CONROD		<i>No Hole. To be superceded by 4B1606A.</i>				
4B5534A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
	CONROD		<i>No Hole. To be superceded by 4B1606P.</i>				
4B5534P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH
	MAINS		<i>Half Groove Set. Requires thrustwashers.</i>				
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	MAINS		<i>Half Groove Set. Requires thrustwashers.</i>				
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	THRUST						
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	PISTON PIN BUSH		<i>Set of 4.</i>				
4RB4167 UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4167
	PISTON PIN BUSH						
RB4167 UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4167

70	Engine	Year	Cyl	Bore x Stroke	70
	AUA 1390cc Inline4 DOHC 4v BBY 1390cc Inline4 DOHC 4v	02/2000 - 08/2005 02/2000 - 08/2005	L4 L4	76.5mm x 75.6mm 76.5mm x 75.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD		<i>Bearing has no locating notch.</i>				
4B1615A STD, .25, .50, .75		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	18.50/.728	F810	1615A IH
	CONROD						
4B5542A STD, .25, .50, .75		47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	17.20/.677	F810	5542A IH
	MAINS						
5M5543A STD, .25, .50	1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL



70 Continued ...							70
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
2T5535 STD	THRUST	59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T UL
		59.750/2.3524	71.800/2.8268				
2B57006 UNB	AUX	1	42.959/1.6913	46.000/1.8110		F23	7006
			42.975/1.6919	46.025/1.8120			
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
4RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>	20.000/.7874		20.50/.807	F100	4RB4174
			20.033/.7887				
RB4174 UNB	PISTON PIN BUSH		20.000/.7874		20.50/.807	F100	RB4174
			20.033/.7887				

71	Engine	Year	Cyl	Bore x Stroke	71
	CAXA 1390cc Inline4 DOHC 4v Turbo	05/2010 - On	L4	76.5mm x 75.6mm	
	CAXC 1390cc Inline4 DOHC 4v Turbo	09/2007 - On	L4	76.5mm x 75.6mm	
	CNVA 1390cc Inline4 DOHC 4v Turbo	05/2010 - On	L4	76.5mm x 75.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5542A STD, .25, .50, .75	CONROD	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
5M5543A STD, .25, .50	MAINS	1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	F810	5543A UL
			53.978/2.1251	59.019/2.3236			
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

72	Engine	Year	Cyl	Bore x Stroke	72
	BAD 1598cc Inline4 DOHC 4v	05/2002 - 08/2005	L4	76.5mm x 86.9mm	
	BLF 1598cc Inline4 DOHC 4v	01/2005 - 09/2007	L4	76.5mm x 86.9mm	
	BLP 1598cc Inline4 DOHC 4v	06/2004 - 12/2004	L4	76.5mm x 86.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5542A STD, .25, .50, .75	CONROD	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
4B5544P STD, .25, .50, .75, 1.00	CONROD	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F780	5544 U
		47.778/1.8810	50.612/1.9926				
		47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5544A L
		47.778/1.8810	50.612/1.9926				
5M5543A STD, .25, .50	MAINS	1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	F810	5543A UL
			53.978/2.1251	59.019/2.3236			
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
4RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>	20.000/.7874		20.50/.807	F100	4RB4174
			20.033/.7887				

72 Continued ...							72
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

PISTON PIN BUSH

RB4174 UNB			20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174
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73 Engine		Year	Cyl	Bore x Stroke	73
AHU 1896cc Inline4 SOHC 2v Turbo Diesel		06/1994 - 09/2001	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD

4B1075A STD, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	20.00/.787	F810	1075A IH
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CONROD

4B1075P STD, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	20.00/.787	F780	1075 IH
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RACE SERIES

CONROD

Has one oil hole and no notch.

4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
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RACE SERIES

CONROD

Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.

4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
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CONROD

Has one oil hole and no notch. Set consists of F780 upper and F810 lower.

4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L

MAINS

Half Groove Set. Requires thrustwashers.

5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U

MAINS

Half Groove Set. Requires thrustwashers.

5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U

THRUST

2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
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AUX

2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007

PISTON PIN BUSH

Set of 4.

4RB4168			29.000/1.1417 29.052/1.1438		25.00/.984	F100	4RB4168
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PISTON PIN BUSH

RB4168 UNB			29.000/1.1417 29.052/1.1438		25.00/.984	F100	RB4168
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74 Engine		Year	Cyl	Bore x Stroke	74
ATJ 1896cc Inline4 SOHC 2v Turbo Diesel		03/2000 - 09/2001	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD

4B5537D STD, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.403/.0552	20.00/.787	F780	5537 L
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.404/.0553	20.00/.787	F781	5537D U



74 Continued ...							74	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B5537P STD, .25, .50	CONROD	50.600/1.9921 47.778/1.8810		1.403/.0552	20.00/.787	F780	5537 IH	
5M1653A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
5M1653P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
5C7004 STD	CAMS	1,2,3,4,5	28.947/1.1396 28.960/1.1402	32.000/1.2598 32.025/1.2608	1.513/.0596	25.00/.984	F780	7004
2B57006 UNB	AUX	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
		2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007

75 Engine				Year	Cyl	Bore x Stroke	75	
AVB 1896cc Inline4 SOHC 2v Turbo Diesel				05/2001 - 12/2004	L4	79.5mm x 95.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B5537D STD, .25, .50	CONROD	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.404/.0553	20.00/.787	F781	5537D U	
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.403/.0552	20.00/.787	F780	5537 L	
4B5537P STD, .25, .50	CONROD	50.600/1.9921 47.778/1.8810		1.403/.0552	20.00/.787	F780	5537 IH	
5M1653A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
5M1653P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
5C7004 STD	CAMS	1,2,3,4,5	28.947/1.1396 28.960/1.1402	32.000/1.2598 32.025/1.2608	1.513/.0596	25.00/.984	F780	7004
2B57006 UNB	AUX	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
		2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007

75	Continued ...		75
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	PISTON PIN BUSH		<i>Set of 4.</i>				
4RB4168			29.000/1.1417 29.052/1.1438		25.00/.984	F100	4RB4168
	PISTON PIN BUSH						
RB4168 UNB			29.000/1.1417 29.052/1.1438		25.00/.984	F100	RB4168

76	Engine	Year	Cyl	Bore x Stroke	76
	AXR 1896cc Inline4 SOHC 2v Turbo Diesel	10/2000 - 05/2003	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B5537D STD, .25, .50		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D
		47.778/1.8810	50.612/1.9926				U
		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537
		47.778/1.8810	50.612/1.9926				L
	CONROD						
4B5537P STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537
		47.778/1.8810					IH
	MAINS						
5M5540A STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A
		53.978/2.1251	59.012/2.3233				UL
	MAINS						
5M5540P STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540
		53.978/2.1251	59.012/2.3233				UL
	THRUST						
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
	CAMS						
5C7004 STD	1,2,3,4,5	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
	PISTON PIN BUSH		<i>Set of 4.</i>				
4RB4168			29.000/1.1417 29.052/1.1438		25.00/.984	F100	4RB4168
	PISTON PIN BUSH						
RB4168 UNB			29.000/1.1417 29.052/1.1438		25.00/.984	F100	RB4168

77	Engine	Year	Cyl	Bore x Stroke	77
	BKC 1896cc Inline4 SOHC 2v Turbo Diesel	05/2003 - 05/2010	L4	79.5mm x 95.5mm	
	BLS 1896cc Inline4 SOHC 2v Turbo Diesel	05/2003 - 05/2010	L4	79.5mm x 95.5mm	
	BXE 1896cc Inline4 SOHC 2v Turbo Diesel	05/2003 - 05/2010	L4	79.5mm x 95.5mm	
	CAYB 1598cc Inline4 DOHC 4v Turbo Diesel	05/2009 - On	L4	79.5mm x 80.5mm	
	CAYC 1598cc Inline4 DOHC 4v Turbo Diesel	05/2009 - On	L4	79.5mm x 80.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B5537D STD, .25, .50		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537
		47.778/1.8810	50.612/1.9926				L
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D
		47.778/1.8810	50.612/1.9926				U
	CONROD						
4B5537P STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537
		47.778/1.8810					IH
	MAINS						
5M5540A STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A
		53.978/2.1251	59.012/2.3233				UL



77 Continued ...							77
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M5540P STD, .25, .50	MAINS						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.012/2.3233	2.501/.0985	18.50/.728	F780	5540 UL
2T1644 STD	THRUST						
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
78 Engine				Year	Cyl	Bore x Stroke	78
ANB 1781cc Inline4 DOHC 5v Turbo				01/1995 - 01/2005	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD	<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
	RACE SERIES	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>				
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
	CONROD	<i>Has one oil hole.</i>					
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	CONROD	<i>Has one oil hole.</i>					
4B5539D STD, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F781	5539D U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 L
	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 IH
5M1653A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
5M1668A STD, .25, .50, .75	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	THRUST						
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>					
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

79 Engine		Year		Cyl	Bore x Stroke		79
ARM 1595cc Inline4 SOHC 2v		11/1994 - 09/2001		L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES							
4B1606H STD, .025, .25, .50	CONROD	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES							
4B1606HX STD	CONROD	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
CONROD							
4B5531A STD, .25, .50		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.507/.0593	19.00/.748	F810	5531A UL
CONROD							
4B5531P STD, .25, .50		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.507/.0593	19.00/.748	F780	5531 UL
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
MAINS <i>Half groove in all positions.</i>							
5M5533A STD, .25, .50	1,2,3,4,5	47.958/1.8881 47.978/1.8889	53.000/2.0866 53.010/2.0870	2.508/.0987	18.50/.728	F810	5533A UL
THRUST							
2T5533 STD		53.500/2.1063 53.750/2.1161	65.550/2.5807 65.800/2.5905		2.48/.097	F817	5533T UL
THRUST							
2T5535 STD		59.500/2.3425 59.750/2.3524	71.550/2.8169 71.800/2.8268		2.48/.097	F817	5535T UL
PISTON PIN BUSH <i>Set of 4. Has 3mm oil hole and full groove.</i>							
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
PISTON PIN BUSH <i>Has 3mm oil hole and full groove.</i>							
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

80 Engine		Year		Cyl	Bore x Stroke		80
CR 1588cc Inline4 SOHC 2v Diesel		08/1980 - 07/1982		L4	76.5mm x 86.4mm		
CY 1588cc Inline4 SOHC 2v Turbo Diesel		08/1981 - 03/1987		L4	76.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
CONROD <i>No Hole. To be superceded by 4B1606A.</i>							
4B5534A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
CONROD <i>No Hole. To be superceded by 4B1606P.</i>							
4B5534P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH



80		Continued ...						80	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
5M1643A STD, .25, .50, .75, 1.00									
MAINS <i>Full groove on #4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>									
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U		
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L		
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L		
5M1643P STD, .25, .50, .75, 1.00									
MAINS <i>Full groove on #4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>									
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U		
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L		
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L		
5M1644A STD, .25, .50, .75, 1.00									
MAINS <i>Full groove on #4 position only. Requires thrustwashers.</i>									
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U		
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L		
RACE SERIES									
5M1644H STD, .25, .50									
MAINS <i>Full groove on #4 position only. Requires thrustwashers.</i>									
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U		
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L		
RACE SERIES									
5M1644HX STD									
MAINS <i>0.001" extra oil clearance on STD journal.</i>									
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U		
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L		
5M1654A STD, .25, .50, .75, 1.00									
MAINS <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>									
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L		
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U		
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL		
5M1654P STD, .25, .50, .75, 1.00									
MAINS <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>									
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U		
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L		
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL		
2T1644 STD									
THRUST									
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL		

80 Continued ...							80		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
5C7008 STD	1,2,3,4,5	CAMS		25.939/1.0212	28.250/1.1122	1.138/.0448	17.00/.669	F820	7008
		25.960/1.0220	28.271/1.1130						
4RB4172 UNB	PISTON PIN BUSH	Set of 4.		27.000/1.0630	27.021/1.0638	25.00/.984	F100	4RB4172	
RB4172 UNB	PISTON PIN BUSH			27.000/1.0630	27.021/1.0638	25.00/.984	F100	RB4172	

81	Engine	Year	Cyl	Bore x Stroke	81
	JK 1588cc Inline4 SOHC 2v Diesel	08/1982 - 07/1989	L4	76.5mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.				
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH		
		47.778/1.8810	50.619/1.9929								
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH		
		47.778/1.8810	50.619/1.9929								
4B5534A STD, .25, .50, .75, 1.00	CONROD	<i>No Hole. To be superceded by 4B1606A.</i>		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A IH		
		47.778/1.8810	50.619/1.9929								
4B5534P STD, .25, .50, .75, 1.00	CONROD	<i>No Hole. To be superceded by 4B1606P.</i>		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534 IH		
		47.778/1.8810	50.619/1.9929								
5M1643A STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>									
		1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U			
			53.978/2.1251	59.019/2.3236							
		1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L			
			53.978/2.1251	59.019/2.3236							
		3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F) UL			
			53.978/2.1251	59.019/2.3236							
		4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L			
			53.978/2.1251	59.019/2.3236							
		5M1643P STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
				1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
					53.978/2.1251	59.019/2.3236					
1,2,5	53.958/2.1243			59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L			
	53.978/2.1251			59.019/2.3236							
3	53.958/2.1243			59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F) UL			
	53.978/2.1251			59.019/2.3236							
4	53.958/2.1243			59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 L			
	53.978/2.1251			59.019/2.3236							
5M1644A STD, .25, .50, .75, 1.00	MAINS			<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
				1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
					53.978/2.1251	59.019/2.3236					
		1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L			
			53.978/2.1251	59.019/2.3236							
		4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L			
			53.978/2.1251	59.019/2.3236							
		5M1644H STD, .25, .50	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
				1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U	
					53.978/2.1251	59.019/2.3236					
				1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H L	
					53.978/2.1251	59.019/2.3236					



81 Continued ...							81
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1644H STD, .25, .50	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
5M1653P STD, .25, .50, .75, 1.00		<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
5M1654A STD, .25, .50, .75, 1.00		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
5M1654P STD, .25, .50, .75, 1.00		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL
2T1644 STD		THRUST					
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
5C7008 STD		CAMS					
	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008
4RB4172 UNB		PISTON PIN BUSH <i>Set of 4.</i>					
			27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4172
RB4172 UNB		PISTON PIN BUSH					
			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4172

82 Engine		Year	Cyl	Bore x Stroke	82		
ZA 1297cc Inline4 SOHC 2v		05/1972 - 07/1978	L4	75.0mm x 73.4mm			
ZF 1297cc Inline4 SOHC 2v		05/1972 - 07/1978	L4	75.0mm x 73.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1636A STD, .25, .50, .75, 1.00		CONROD <i>Has plain shells.</i>					
		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
4B1636P STD, .25, .50, .75, 1.00, 1.50		CONROD <i>Has plain shells.</i>					
		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
5M1643A STD, .25, .50, .75, 1.00		MAINS <i>Full groove on #4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L



82		Continued ...						82
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1643A STD, .25, .50, .75, 1.00	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
MAINS		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL	
	CAMS							
5C7008 STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008	
	AUX							
2B57006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
PISTON PIN BUSH								
RB4053 UNB			21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

83		Engine	Year	Cyl	Bore x Stroke	83		
		CDLA 1984cc Inline4 DOHC 4v Turbo	05/2008 - On	L4	82.5mm x 92.8mm			
		CDLC 1984cc Inline4 DOHC 4v Turbo	07/2008 - 07/2012	L4	82.5mm x 92.8mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
MAINS		<i>Half Groove Set. Requires thrustwashers.</i>						
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L	
THRUST								
2T5535 STD			59.500/2.3425 59.750/2.3524	71.550/2.8169 71.800/2.8268		2.48/.097	F817	5535T UL



84	Engine	Year	Cyl	Bore x Stroke	84
	AFB 2496cc V6 DOHC 4v Turbo Diesel	04/1997 - 06/2000	V6	78.3mm x 86.4mm	
	AKE 2496cc V6 DOHC 4v Turbo Diesel	11/1999 - 08/2003	V6	78.3mm x 78.3mm	
	AKN 2496cc V6 DOHC 4v Turbo Diesel	11/1997 - 09/2002	V6	78.3mm x 86.4mm	
	AYM 2496cc V6 DOHC 4v Turbo Diesel	12/2000 - 06/2002	V6	78.3mm x 86.4mm	
	BAU 2496cc V6 DOHC 4v Turbo Diesel	12/2000 - 08/2005	V6	78.3mm x 86.4mm	
	BCZ 2496cc V6 DOHC 4v Turbo Diesel	02/2003 - 05/2006	V6	78.3mm x 86.4mm	
	BDG 2496cc V6 DOHC 4v Turbo Diesel	02/2003 - 05/2006	V6	78.3mm x 86.4mm	
	BDH 2496cc V6 DOHC 4v Turbo Diesel	12/2000 - 01/2005	V6	78.3mm x 86.4mm	
	BFC 2496cc V6 DOHC 4v Turbo Diesel	07/2002 - 08/2003	V6	78.3mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Bearings have 4 slots.</i>							
4M5547P STD, .25, .50	1,2,3,4	64.459/2.5378	70.000/2.7559	2.758/.1086	18.50/.728	F780	5547 UL
		64.478/2.5385	70.019/2.7566				
MAINS <i>Bearings have one oil hole.</i>							
4M5548P STD, .25, .50	1,2,3,4	64.959/2.5574	70.000/2.7559	2.508/.0987	18.50/.728	F780	5548 UL
		64.978/2.5582	70.019/2.7566				
THRUST							
2T5547 STD		70.500/2.7756	84.650/3.3327		1.97/.077	F817	5547T UL
		70.750/2.7854	84.900/3.3425				

85	Engine	Year	Cyl	Bore x Stroke	85
	AAH 2771cc V6 SOHC 2v	12/1990 - 08/2000	V6	82.5mm x 86.4mm	
	ABC 2598cc V6 SOHC 2v	03/1992 - 08/2000	V6	82.5mm x 81.0mm	
	ACK 2771cc V6 DOHC 5v	07/1995 - 05/2001	V6	82.5mm x 86.4mm	
	ACZ 2598cc V6 SOHC 2v	01/1993 - 12/1999	V6	82.5mm x 81.0mm	
	AEJ 2771cc V6 SOHC 2v	06/1994 - 10/1997	V6	82.5mm x 86.4mm	
	AFC 2771cc V6 SOHC 2v	08/1994 - 06/1995	V6	82.5mm x 86.4mm	
	AFM 2393cc V6 DOHC 5v	07/1995 - 10/1997	V6	81.0mm x 77.4mm	
	AGB 2671cc V6 DOHC 5v Turbo	10/1997 - 09/2001	V6	81.0mm x 86.4mm	
	AGE 2771cc V6 DOHC 5v	10/1997 - 05/2000	V6	82.5mm x 86.4mm	
	AJK 2671cc V6 DOHC 5v Turbo	02/1999 - 08/2000	V6	81.0mm x 86.4mm	
	ALG 2771cc V6 DOHC 5v	04/1997 - 05/2001	V6	82.5mm x 86.4mm	
	AMX 2771cc V6 DOHC 5v	04/1997 - 09/2002	V6	82.5mm x 86.4mm	
	APR 2771cc V6 DOHC 5v	04/1997 - 08/2001	V6	82.5mm x 86.4mm	
	AQD 2771cc V6 DOHC 5v	04/1997 - 05/2001	V6	82.5mm x 86.4mm	
	ARE 2671cc V6 DOHC 5v Turbo	05/2000 - 06/2002	V6	81.0mm x 86.4mm	
	ASN 2976cc V6 DOHC 5v	12/2000 - 10/2005	V6	82.5mm x 92.8mm	
	ATX 2771cc V6 DOHC 5v	03/1999 - 01/2005	V6	82.5mm x 86.4mm	
	AVK 2976cc V6 DOHC 5v	09/2001 - 06/2002	V6	82.5mm x 92.8mm	
	AZA 2671cc V6 DOHC 5v Turbo	09/2000 - 05/2001	V6	81.0mm x 86.4mm	
	AZB 2671cc V6 DOHC 5v Turbo	11/2000 - 09/2001	V6	81.0mm x 86.4mm	
	BBG 2771cc V6 DOHC 5v	07/1999 - 01/2005	V6	82.5mm x 86.4mm	
	BBJ 2976cc V6 DOHC 5v	06/2001 - 07/2006	V6	82.5mm x 92.8mm	
	BES 2671cc V6 DOHC 5v Turbo	07/2002 - 08/2005	V6	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B5546P STD, .25, .50		53.958/2.1243	57.600/2.2677	1.806/.0711	17.00/.669	F780	5546 IH
		53.978/2.1251	57.612/2.2682				
MAINS <i>Bearings have 4 slots.</i>							
4M5547P STD, .25, .50	1,2,3,4	64.459/2.5378	70.000/2.7559	2.758/.1086	18.50/.728	F780	5547 UL
		64.478/2.5385	70.019/2.7566				
MAINS <i>Bearings have one oil hole.</i>							
4M5548P STD, .25, .50	1,2,3,4	64.959/2.5574	70.000/2.7559	2.508/.0987	18.50/.728	F780	5548 UL
		64.978/2.5582	70.019/2.7566				
THRUST							
2T5547 STD		70.500/2.7756	84.650/3.3327		1.97/.077	F817	5547T UL
		70.750/2.7854	84.900/3.3425				

85 Continued ... 85

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4175 UNB		20.995/.8266	23.000/.9055		22.00/.866	F100	6RB4175
		21.000/.8268	23.021/.9063				
PISTON PIN BUSH							
RB4175 UNB		20.995/.8266	23.000/.9055		22.00/.866	F100	RB4175
		21.000/.8268	23.021/.9063				

86 Engine Year Cyl Bore x Stroke 86

AGA 2393cc V6 DOHC 5v	04/1997 - 01/1999	V6	81.0mm x 77.4mm
AJG 2393cc V6 DOHC 5v	04/1997 - 01/1999	V6	81.0mm x 77.4mm
ALF 2393cc V6 DOHC 5v	04/1997 - 09/2001	V6	81.0mm x 77.4mm
ALW 2393cc V6 DOHC 5v	08/1997 - 01/1999	V6	81.0mm x 77.4mm
AML 2393cc V6 DOHC 5v	08/1998 - 09/2001	V6	81.0mm x 77.4mm
AMM 2393cc V6 DOHC 5v	06/2000 - 10/2005	V6	81.0mm x 77.4mm
APC 2393cc V6 DOHC 5v	04/1998 - 05/2001	V6	81.0mm x 77.4mm
APS 2393cc V6 DOHC 5v	08/1998 - 09/2001	V6	81.0mm x 77.4mm
APZ 2393cc V6 DOHC 5v	08/1998 - 05/2001	V6	81.0mm x 77.4mm
ARJ 2393cc V6 DOHC 5v	08/1998 - 09/2001	V6	81.0mm x 77.4mm
ARN 2393cc V6 DOHC 4v	08/1997 - 05/2001	V6	81.0mm x 77.4mm
ASM 2393cc V6 DOHC 5v	06/2000 - 01/2005	V6	81.0mm x 77.4mm
BDV 2393cc V6 DOHC 5v	06/2001 - 10/2005	V6	81.0mm x 77.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B5546A STD, .25, .50		49.978/1.9676	53.216/2.0951	1.606/.0632	17.00/.669	F810	5546A IH
		49.958/1.9668	53.200/2.0945				
MAINS							
4M5549A STD, .25, .50	1,2,3,4	57.959/2.2818	63.000/2.4803	2.507/.0987	18.50/.728	F810	5549A UL
		57.978/2.2826	63.019/2.4811				
THRUST							
2T5549 STD		63.500/2.5000	76.750/3.0216		1.97/.077	F817	5549T UL
		63.750/2.5098	77.000/3.0315				
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4175 UNB		20.995/.8266	23.000/.9055		22.00/.866	F100	6RB4175
		21.000/.8268	23.021/.9063				
PISTON PIN BUSH							
RB4175 UNB		20.995/.8266	23.000/.9055		22.00/.866	F100	RB4175
		21.000/.8268	23.021/.9063				

87 Engine Year Cyl Bore x Stroke 87

ADR 1781cc Inline4 DOHC 5v	11/1994 - 08/2000	L4	81.0mm x 86.4mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES CONROD <i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				



87 Continued ...							87
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1644A STD, .25, .50, .75, 1.00	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
MAINS		<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
MAINS		<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
THRUST		59.500/2.3425 59.700/2.3504		73.000/2.8740 73.200/2.8819		1.98/.078 F817 1644T UL	
AUX		42.959/1.6913 42.975/1.6919		46.000/1.8110 46.025/1.8120		15.00/.591 F23 7006	
	41.959/1.6519 41.975/1.6526		45.000/1.7717 45.025/1.7726		15.00/.591 F23 7007		
PISTON PIN BUSH		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984 F100		4RB4171
	PISTON PIN BUSH		<i>Has 3mm oil hole and full groove.</i>				
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984 F100		RB4171

88 Engine				Year	Cyl	Bore x Stroke	88
AEB 1781cc Inline4 DOHC 5v Turbo				01/1995 - 01/1999	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5539D STD, .25, .50	CONROD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780 5539 L
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F781 5539D U
	CONROD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780 5539 IH
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780 5539 IH
MAINS		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U



88 Continued ...							88
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1644A STD, .25, .50, .75, 1.00	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>					
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

89 Engine				Year	Cyl	Bore x Stroke	89
AJL 1781cc Inline4 DOHC 5v Turbo				08/1997 - 01/2005	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES	CONROD	<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
	RACE SERIES	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>				
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
	CONROD	<i>Has one oil hole.</i>					
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L



89		Continued ...						89
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1644A STD, .25, .50, .75, 1.00	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
RACE SERIES		<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>						
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
MAINS		<i>Half Groove Set. Requires thrustwashers.</i>						
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
MAINS		<i>Half Groove Set. Requires thrustwashers.</i>						
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
MAINS		<i>Half Groove Set. Requires thrustwashers.</i>						
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L	
THRUST		59.500/2.3425 59.700/2.3504		73.000/2.8740 73.200/2.8819		1.98/.078 F817		
2T1644 STD						1644T UL		
PISTON PIN BUSH		<i>Set of 4. Has 3mm oil hole and full groove.</i>						
4RB4171 UNB				23.000/.9055 23.021/.9063		25.00/.984 F100		
RB4171 UNB				23.000/.9055 23.021/.9063		25.00/.984 F100		

90		Engine	Year	Cyl	Bore x Stroke	90	
		BDW 2393cc V6 DOHC 4v	10/2004 - 10/2008	V6	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B5546A STD, .25, .50		49.978/1.9676 49.958/1.9668	53.216/2.0951 53.200/2.0945	1.606/.0632	17.00/.669	F810	5546A IH
THRUST		63.500/2.5000 63.750/2.5098		76.750/3.0216 77.000/3.0315		1.97/.077 F817	
2T5549 STD						5549T UL	

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ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
1057cc Inline4 OHV 2v	01/1964 - On	L4	1057	64	1
1975cc Inline4 SOHC 2v	01/1968 - 12/1972	L4	1975	120	2
2279cc Inline4 SOHC 2v	01/1972 - 12/1984	L4	2279	139	2
214ci Inline6 OHV 2v	01/1957 - 12/1975	L6	3506	214	8
292ci Inline6 OHV 2v	01/1974 - 01/1978	L6	4785	292	3
300ci Inline6 OHV 2v	01/1957 - 01/1976	L6	4916	300	4
300ci Inline6 OHV 2v Diesel	01/1957 - 01/1970	L6	4916	300	5
330ci Inline6 OHV 2v Diesel	01/1964 - 01/1975	L6	5407	330	5
381ci Inline6 OHV 2v Diesel	11/1966 - 12/1972	L6	6243	381	6
466ci Inline6 OHV 2v Diesel	11/1966 - 12/1975	L6	7636	466	6
500ci Inline6 OHV 2v Diesel	01/1975 - 12/1981	L6	8193	500	7



1 Engine				Year	Cyl	Bore x Stroke	1
1057cc Inline4 OHV 2v				01/1964 - On	L4	74.3mm x 61.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B5121A STD, 010, 020, 030, 040		44.971/1.7705	48.158/1.8960	1.570/.0618	19.20/.756	F820	5121AL
		44.988/1.7712	48.171/1.8965				IH
MAINS <i>Overwidth flanges on undersizes: Std=Std, 010/020=Std+004", 030/040=Std+008".</i>							
3M5123A STD, 010, 020, 030, 040	1,3	53.988/2.1255	58.000/2.2835	1.994/.0785	25.57/1.007	F820	5122AL
		54.000/2.1260	58.014/2.2840				IH
	2	53.988/2.1255	58.000/2.2835	1.989/.0783	32.74/1.289	F820	5123AL(F)
		54.000/2.1260	58.014/2.2840				UL
CAMS							
3C5126 STD	1	40.963/1.6127	44.000/1.7323	1.486/.0585	21.00/.827	F23	5126
		40.975/1.6132	44.025/1.7333				
	2	40.462/1.5930	43.500/1.7126	1.486/.0585	21.00/.827	F23	5127
		40.475/1.5935	43.525/1.7136				
		39.962/1.5733	43.000/1.6929	1.486/.0585	21.00/.827	F23	5128
		39.974/1.5738	43.025/1.6939				
2 Engine							
1975cc Inline4 SOHC 2v				01/1968 - 12/1972	L4	95.3mm x 69.2mm	2
2279cc Inline4 SOHC 2v				01/1972 - 12/1984	L4	97.5mm x 76.2mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1346P STD, 010, 020, 030		50.737/1.9975	54.508/2.1460	1.862/.0733	23.70/.933	F780	1346
		50.762/1.9985	54.521/2.1465				IH
MAINS							
5M1347P STD, 010, 020, 030	1,2,4	63.487/2.4995	67.704/2.6655	2.083/.0820	23.36/.920	F780	1347
		63.512/2.5005	67.716/2.6660				IH
	3	63.487/2.4995	67.704/2.6655	2.083/.0820	23.36/.920	F780	1348
		63.512/2.5005	67.716/2.6660				IH
	5	63.487/2.4995	67.704/2.6655	2.083/.0820	34.01/1.339	F780	1349(F)
		63.512/2.5005	67.716/2.6660				IH
PISTON PIN BUSH							
RB889		22.007/.8664	25.387/.9995	1.854/.0730	29.97/1.180	F100	RB889
		22.009/.8665	25.400/1.0000				
3 Engine							
292ci Inline6 OHV 2v				01/1974 - 01/1978	L6	3.88in x 4.13in	3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	
CONROD							
6B663A STD, 010, 020, 030, 040		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F810	2376A
		53.340/2.1000	56.520/2.2252				IH
MAINS <i>Overwidth flanges for undersizes: Std=Std, 010/020=Std+004", 030/040=Std+008".</i>							
7M2392 STD, 010, 020, 030, 040	1,2,3,4,5,6	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
		58.402/2.2993	63.287/2.4916				UL
	7	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F780	2393(F)
		58.402/2.2993	63.287/2.4916				UL
MAINS <i>Standard width flanges for all undersizes.</i>							
7M617A STD, 010, 020, 030, 040	1,2,3,4,5,6	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
		58.402/2.2993	63.287/2.4916				UL
	7	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F810	7133A(F)
		58.402/2.2993	63.287/2.4916				UL
CAMS <i>= 4C718S</i>							
4C5157 STD	1,2,3,4	47.452/1.8682	50.775/1.9990	1.638/.0645	22.10/.870	F23	5157
		47.478/1.8692	50.825/2.0010				

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4 Engine		Year		Cyl	Bore x Stroke	4	
300ci Inline6 OHV 2v		01/1957 - 01/1976		L6	3.88in x 4.25in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2310A STD, 010, 020, 030, 040, 050,		60.300/2.3740	63.995/2.5195	1.811/.0713	29.76/1.172	F820	2310AL
		60.325/2.3750	64.008/2.5200				IH
MAINS							
7M2316 STD, 010, 020, 030, 040	1	69.837/2.7495	74.079/2.9165	2.083/.0820	34.41/1.355	F820	2316AL
		69.850/2.7500	74.092/2.9170				IH
	2,3,5,6	69.837/2.7495	74.079/2.9165	2.083/.0820	27.10/1.067	F820	2318AL
		69.850/2.7500	74.092/2.9170				IH
	4	69.837/2.7495	74.079/2.9165	2.083/.0820	35.30/1.390	F820	2317AL
		69.850/2.7500	74.092/2.9170				IH
	7	69.837/2.7495	74.079/2.9165	2.083/.0820	31.11/1.225	F820	2319AL
		69.850/2.7500	74.092/2.9170				IH
THRUST							
2T2316 STD, 005		77.600/3.0551	90.220/3.5520		2.36/.093	F250	2316T
		77.850/3.0650	90.475/3.5620				UL
THRUST							
2T2319 STD, 006		77.600/3.0551	90.220/3.5520		2.36/.093	F250	2319T
		77.850/3.0650	90.475/3.5620				UL
CAMS							
4C5026 STD	1	54.262/2.1363	57.391/2.2595	1.544/.0608	36.78/1.448	F23	5026
		54.275/2.1368	57.404/2.2600				
	2	51.976/2.0463	55.105/2.1695	1.544/.0608	25.65/1.010	F23	5027
		51.989/2.0468	55.118/2.1700				
	3	50.884/2.0033	54.000/2.1260	1.544/.0608	25.65/1.010	F23	5028
		50.897/2.0038	54.025/2.1270				
	4	50.122/1.9733	55.093/2.1690	2.471/.0973	32.79/1.291	F23	5029
		50.135/1.9738	55.118/2.1700				
PISTON PIN BUSH <i>Suits Petrol Engines only.</i>							
RB882		25.324/.9970	28.575/1.1250	1.740/.0685	35.30/1.390	F100	RB882
		25.400/1.0000	28.588/1.1255				
ROCKER ARM BUSH							
B886		22.212/.8745	24.168/.9515		10.56/.416	F100	B886
		22.225/.8750	24.397/.9605				

5 Engine		Year		Cyl	Bore x Stroke	5	
300ci Inline6 OHV 2v Diesel		01/1957 - 01/1970		L6	3.88in x 4.25in		
330ci Inline6 OHV 2v Diesel		01/1964 - 01/1975		L6	4.06in x 4.25in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2310A STD, 010, 020, 030, 040, 050,		60.300/2.3740	63.995/2.5195	1.811/.0713	29.76/1.172	F820	2310AL
		60.325/2.3750	64.008/2.5200				IH
MAINS							
7M2316 STD, 010, 020, 030, 040	1	69.837/2.7495	74.079/2.9165	2.083/.0820	34.41/1.355	F820	2316AL
		69.850/2.7500	74.092/2.9170				IH
	2,3,5,6	69.837/2.7495	74.079/2.9165	2.083/.0820	27.10/1.067	F820	2318AL
		69.850/2.7500	74.092/2.9170				IH
	4	69.837/2.7495	74.079/2.9165	2.083/.0820	35.30/1.390	F820	2317AL
		69.850/2.7500	74.092/2.9170				IH
	7	69.837/2.7495	74.079/2.9165	2.083/.0820	31.11/1.225	F820	2319AL
		69.850/2.7500	74.092/2.9170				IH
THRUST							
2T2316 STD, 005		77.600/3.0551	90.220/3.5520		2.36/.093	F250	2316T
		77.850/3.0650	90.475/3.5620				UL
THRUST							
2T2319 STD, 006		77.600/3.0551	90.220/3.5520		2.36/.093	F250	2319T
		77.850/3.0650	90.475/3.5620				UL



5 Continued ...							5
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CAMS							
4C5026 STD	1	54.262/2.1363	57.391/2.2595	1.544/.0608	36.78/1.448	F23	5026
		54.275/2.1368	57.404/2.2600				
	2	51.976/2.0463	55.105/2.1695	1.544/.0608	25.65/1.010	F23	5027
		51.989/2.0468	55.118/2.1700				
	3	50.884/2.0033	54.000/2.1260	1.544/.0608	25.65/1.010	F23	5028
		50.897/2.0038	54.025/2.1270				
	4	50.122/1.9733	55.093/2.1690	2.471/.0973	32.79/1.291	F23	5029
		50.135/1.9738	55.118/2.1700				
PISTON PIN BUSH <i>Suits Diesel Engines only.</i>							
RB912		34.912/1.3745	38.100/1.5000	1.630/.0642	35.05/1.380	F100	RB912
		34.925/1.3750	38.125/1.5010				
ROCKER ARM BUSH							
B886		22.212/.8745	24.168/.9515		10.56/.416	F100	B886
		22.225/.8750	24.397/.9605				

6 Engine				Year	Cyl	Bore x Stroke	6
381ci Inline6 OHV 2v Diesel				11/1966 - 12/1972	L6	4.13in x 4.75in	
466ci Inline6 OHV 2v Diesel				11/1966 - 12/1975	L6	4.56in x 4.75in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2366 STD, 010, 020, 030, 040		63.462/2.4985	67.208/2.6460	1.836/.0723	35.05/1.380	F780	2366 IH
		63.487/2.4995	67.221/2.6465				
MAINS							
7M2337 STD, 010, 020, 030, 040	1,7	88.862/3.4985	93.116/3.6660	2.088/.0822	34.54/1.360	F780	2337 IH
		88.887/3.4995	93.142/3.6670				
	2,3,5,6	88.862/3.4985	93.116/3.6660	2.088/.0822	29.46/1.160	F780	2338 IH
		88.887/3.4995	93.142/3.6670				
	4	88.862/3.4985	93.116/3.6660	2.088/.0822	38.10/1.500	F780	2339 IH
		88.887/3.4995	93.142/3.6670				
THRUST							
2T2367 STD, 005		98.550/3.8799	114.170/4.4949		2.36/.093	F250	2367T UL
		98.810/3.8901	114.430/4.5051				
CAMS							
4C5166 STD	1	54.254/2.1360	57.417/2.2605	1.549/.0610	36.83/1.450	F23	5166
		54.267/2.1365	57.468/2.2625				
	2	53.696/2.1140	56.858/2.2385	1.549/.0610	25.65/1.010	F23	5167
		53.708/2.1145	56.909/2.2405				
	3	53.111/2.0910	56.274/2.2155	1.549/.0610	25.65/1.010	F23	5168
		53.124/2.0915	56.325/2.2175				
	4	50.114/1.9730	55.131/2.1705	2.477/.0975	32.77/1.290	F23	5169
		50.127/1.9735	55.182/2.1725				
PISTON PIN BUSH							
RB4016 UNB		38.100/1.5000	41.270/1.6248	1.800/.0709	41.40/1.630	F100	RB4016
		38.100/1.5000	41.293/1.6257				
ROCKER ARM BUSH							
B886		22.212/.8745	24.168/.9515		10.56/.416	F100	B886
		22.225/.8750	24.397/.9605				

7 Engine				Year	Cyl	Bore x Stroke	7
500ci Inline6 OHV 2v Diesel				01/1975 - 12/1981	L6	4.56in x 5.10in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2330P STD, 010, 020, 030		69.812/2.7485	73.609/2.8980	1.862/.0733	35.05/1.380	F780	2330 UL
		69.837/2.7495	73.622/2.8985				
CONROD <i>To Engine No. 7235066 & Short Motor To 824883 (1975-5/79).</i>							
6B2336P STD, 010, 020, 030		69.812/2.7485	73.609/2.8980	1.862/.0733	35.05/1.380	F780	2336 UL
		69.837/2.7495	73.622/2.8985				

Bedford



7 Continued ...							7
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
7M2337 STD, 010, 020, 030, 040	MAINS						
	1,7	88.862/3.4985 88.887/3.4995	93.116/3.6660 93.142/3.6670	2.088/.0822	34.54/1.360	F780	2337 IH
	2,3,5,6	88.862/3.4985 88.887/3.4995	93.116/3.6660 93.142/3.6670	2.088/.0822	29.46/1.160	F780	2338 IH
	4	88.862/3.4985 88.887/3.4995	93.116/3.6660 93.142/3.6670	2.088/.0822	38.10/1.500	F780	2339 IH
	THRUST						
2T2367 STD, 005		98.550/3.8799 98.810/3.8901	114.170/4.4949 114.430/4.5051		2.36/.093	F250	2367T UL
	CAMS						
4C5166 STD	1	54.254/2.1360 54.267/2.1365	57.417/2.2605 57.468/2.2625	1.549/.0610	36.83/1.450	F23	5166
	2	53.696/2.1140 53.708/2.1145	56.858/2.2385 56.909/2.2405	1.549/.0610	25.65/1.010	F23	5167
	3	53.111/2.0910 53.124/2.0915	56.274/2.2155 56.325/2.2175	1.549/.0610	25.65/1.010	F23	5168
	4	50.114/1.9730 50.127/1.9735	55.131/2.1705 55.182/2.1725	2.477/.0975	32.77/1.290	F23	5169
	PISTON PIN BUSH <i>To Eng # 7235066 & 824883 (1975-5/79).</i>						
RB4063 UNB		44.445/1.7498 44.450/1.7500	47.620/1.8748 47.643/1.8757	1.800/.0709	41.40/1.630	F100	RB4063

8 Engine				Year	Cyl	Bore x Stroke	8
214ci Inline6 OHV 2v				01/1957 - 12/1975	L6	3.38in x 4.00in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2351P STD, 010, 020, 030, 040	CONROD						
		53.213/2.0950 53.238/2.0960	56.413/2.2210 56.426/2.2215	1.572/.0619	29.56/1.164	F780	2351 IH
4M1939P STD, 010, 020, 030, 040	MAINS						
	1	53.404/2.1025 53.429/2.1035	57.130/2.2492 57.150/2.2500	1.829/.0720	45.41/1.788	F780	1939 IH
	2	57.366/2.2585 57.391/2.2595	61.092/2.4052 61.112/2.4060	1.829/.0720	30.05/1.183	F780	1940 IH
	3	58.153/2.2895 58.179/2.2905	61.879/2.4362 61.900/2.4370	1.829/.0720	30.15/1.187	F780	1941 IH
	4	58.966/2.3215 58.992/2.3225	62.692/2.4682 62.713/2.4690	1.829/.0720	56.54/2.226	F780	1942 UL
2T1939 STD	THRUST						
		62.611/2.4650 62.865/2.4750	75.946/2.9900 76.200/3.0000		3.43/.135	F250	1939T UL
4C5137 STD	CAMS						
	1	46.203/1.8190 46.215/1.8195	49.352/1.9430 49.365/1.9435	1.574/.0620	45.34/1.785	F23	3130
	2	45.420/1.7882 45.433/1.7887	48.544/1.9112 48.570/1.9122	1.574/.0620	30.41/1.197	F23	5137
	3	44.628/1.7570 44.640/1.7575	47.777/1.8810 47.790/1.8815	1.549/.0610	30.41/1.197	F23	3132
	4	39.700/1.5630 39.713/1.5635	42.850/1.6870 42.862/1.6875	1.574/.0620	34.29/1.350	F23	3133
RB895	PISTON PIN BUSH						
		20.630/.8122 20.638/.8125	23.800/.9370 23.813/.9375	1.730/.0681	31.75/1.250	F100	RB895



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
R50 (Toyota 1ND-TV) 1364cc Inline4 SOHC 2v Turbo Diesel	01/2001 - 12/2006	L4	1364	83	16
M10B15 1499cc Inline4 SOHC 2v	10/1962 - 12/1977	L4	1499	91	2
M10B16 1573cc Inline4 SOHC 2v	09/1963 - 12/1991	L4	1573	95	2
M40B16 1596cc Inline4 SOHC 2v	01/1988 - 12/1994	L4	1596	97	8
N40B16A 1596cc Inline4 DOHC 4v	06/2002 - 02/2005	L4	1596	97	11
N45B16 1596cc Inline4 DOHC 4v	06/2002 - 12/2011	L4	1596	97	11
N45B16 TU2 1596cc Inline4 DOHC 4v	02/2006 - 12/2011	L4	1596	97	11
N45B16A 1596cc Inline4 DOHC 4v	06/2002 - 09/2012	L4	1596	97	11
M43B16 1596cc Inline4 SOHC 2v	09/1990 - 02/2005	L4	1600	97	8
M41D17 1665cc Inline4 SOHC 2v Diesel	09/1994 - 08/2000	L4	1665	101	9
M10B18 1766cc Inline4 SOHC 2v	01/1969 - 12/1990	L4	1766	107	2
M40B18 1796cc Inline4 SOHC 2v	09/1987 - 08/1998	L4	1796	109	8
M42B18 1796cc Inline4 DOHC 4v	09/1989 - 02/1998	L4	1796	109	8
M43B18 1796cc Inline4 SOHC 2v	08/1989 - 10/1999	L4	1796	109	8
N42B18 1796cc Inline 4 DOHC 4v	06/2001 - 02/2005	L4	1796	109	11
N46B18 1796cc Inline4 DOHC 4v	02/2002 - 02/2005	L4	1796	109	11
N46B18A 1796cc Inline4 DOHC 4v	06/2001 - 02/2005	L4	1796	109	11
M43B19 (TU) 1895cc Inline4 SOHC 2v	02/1998 - 01/2003	L4	1895	115	8
M44B19 1895cc Inline4 DOHC 4v	07/1995 - 08/2000	L4	1895	115	8
M47D20 1951cc Inline4 DOHC 4v Turbo Diesel	01/1998 - 07/2003	L4	1951	119	10
M47TUD20 1951cc Inline4 DOHC 4v Turbo Diesel	09/2001 - 05/2005	L4	1951	119	10
M10B20 1990cc Inline4 SOHC 2v Turbo	01/1974 - 07/1975	L4	1990	121	2
S14/7 1990cc Inline4 DOHC 4v	01/1988 - 12/1991	L4	1990	121	7
S14B20 1990cc Inline4 DOHC 4v	01/1987 - 12/1990	L4	1990	121	13
M10B20 1991cc Inline4 SOHC 2v	01/1965 - 12/1979	L4	1991	121	2
M20B20 1991cc Inline6 SOHC 2v	09/1977 - 12/1993	L6	1991	121	12
M50B20 1991cc Inline6 DOHC 4v	09/1989 - 04/1999	L6	1991	121	12
M50B20TU 1991cc Inline6 DOHC 4v	09/1992 - 09/1999	L6	1991	121	12
M52B20 1991cc Inline6 DOHC 4v	09/1990 - 05/2004	L6	1991	121	12
M52B20TU 1991cc Inline6 DOHC 4v	01/1998 - 12/2001	L6	1991	121	12
M47TU2D20 1995cc Inline4 DOHC 4v Turbo Diesel	09/2004 - 08/2008	L4	1995	121	17
N42B20 1995cc Inline 4 DOHC 4v	09/2001 - 02/2005	L4	1995	121	11
N46B20 1995cc Inline4 DOHC 4v	09/2001 - 08/2007	L4	1995	121	11
N46B20A 1995cc Inline4 DOHC 4v	09/2001 - 09/2012	L4	1995	121	11
N46B20B 1995cc Inline4 DOHC 4v	11/2003 - 09/2012	L4	1995	121	11
N46B20C 1995cc Inline4 DOHC 4v	11/2003 - 09/2012	L4	1995	121	11
N46NB20B 1995cc Inline4 DOHC 4v	11/2006 - 08/2007	L4	1995	121	11
N47D20A 1995cc Inline4 DOHC 4v Turbo Diesel	11/2003 - On	L4	1995	121	22
N47D20B 1995cc Inline4 DOHC 4v Turbo Diesel	03/2007 - On	L4	1995	121	22
N47D20C 1995cc Inline4 DOHC 4v Turbo Diesel	11/2003 - On	L4	1995	121	22
N47S D20D 1995cc Inline4 DOHC 4v Turbo Diesel	10/2009 - On	L4	1995	121	22
N45B20A 1997cc Inline4 DOHC 4v	05/2006 - 12/2011	L4	1997	121	11
M54B22 2171cc Inline6 DOHC 4v	08/2000 - 03/2010	L6	2171	132	12
S14B23 2302cc Inline4 DOHC 4v	01/1986 - 12/1990	L4	2302	140	13
M20B23 2315cc Inline6 SOHC 2v	01/1978 - 12/1986	L6	2315	141	12
M21D24 W 2443cc Inline6 SOHC 2v Diesel	09/1985 - 08/1991	L6	2443	149	3
M21D24 WA 2443cc Inline6 SOHC 2v Turbo Diesel	09/1983 - 09/1995	L6	2443	149	3
S14B25 2467cc Inline4 DOHC 4v	01/1989 - 12/1990	L4	2467	150	13
M20B25 2494cc Inline6 SOHC 2v	09/1983 - 10/1993	L6	2494	152	12
M50B25 2494cc Inline6 DOHC 4v	01/1988 - 04/1999	L6	2494	152	12
M50B25TU 2494cc Inline6 DOHC 4v	09/1989 - 04/1999	L6	2494	152	12
M52B25 2494cc Inline6 DOHC 4v	08/1989 - 09/2000	L6	2494	152	12
M52B25TU 2494cc Inline6 DOHC 4v	11/1995 - 09/2000	L6	2494	152	12
M54B25 2494cc Inline6 DOHC 4v	09/2000 - 03/2010	L6	2494	152	12
M30B25 2496cc Inline6 SOHC 2v	01/1968 - 12/1986	L6	2496	152	1
M57D25 2497cc Inline6 DOHC 4v Turbo Diesel	02/2000 - 05/2004	L6	2497	152	4
M57N 256 D4 2497cc Inline6 DOHC 4v Turbo Diesel	06/2004 - On	L6	2497	152	19
N52B25 2497cc Inline6 DOHC 4v	01/2005 - 12/2011	L6	2497	152	14

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
N52B25A 2497cc Inline6 DOHC 4v	01/2005 - 12/2011	L6	2497	152	14
N52B25C 2497cc Inline6 DOHC 4v	09/2005 - 12/2011	L6	2497	152	14
N52NB25A 2497cc Inline6 DOHC 4v	04/2006 - 06/2007	L6	2497	152	14
N53B25A 2497cc Inline6 DOHC 4v	03/2007 - 12/2010	L6	2497	152	14
M51D25 2498cc Inline6 SOHC 2v Turbo Diesel	09/1991 - 06/2003	L6	2498	152	6
M51D25 2498cc Inline6 SOHC 2v Turbo Diesel (Int)	09/1991 - 05/2004	L6	2498	152	6
M20B27 2693cc Inline6 SOHC 2v	01/1981 - 01/1988	L6	2693	164	12
M30B28 2788cc Inline6 SOHC 2v	10/1968 - 12/1987	L6	2788	170	1
M52B28 2793cc Inline6 DOHC 4v	01/1995 - 11/2001	L6	2793	170	12
M52B28TU 2793cc Inline6 DOHC 4v	01/1995 - 11/2001	L6	2793	170	12
M57D30 2926cc Inline6 DOHC 4v Turbo Diesel	08/1998 - 02/2005	L6	2926	178	4
M54B30 2979cc Inline6 DOHC 4v	05/2000 - 03/2010	L6	2979	181	12
M30B30 2986cc Inline6 SOHC 2v	07/1971 - 10/1994	L6	2986	182	1
S50B30 2990cc Inline6 DOHC 4v	01/1992 - 04/1996	L6	2990	182	24
M57D30TU2 2993cc Inline6 DOHC 4v Turbo Diesel	09/2005 - On	L6	2993	182	18
M57N 306 D2 2993cc Inline6 DOHC 4v Turbo Diesel	10/2002 - On	L6	2993	182	20
M57N 306 D4 2993cc Inline6 DOHC 4v Turbo Diesel	12/2003 - On	L6	2993	182	20
N57 306 D2 2993cc Inline6 DOHC 4v Turbo Diesel	07/2003 - On	L6	2993	182	23
N57 306 D3 2993cc Inline6 DOHC 4v Turbo Diesel	03/2007 - On	L6	2993	182	23
N57N 306 D2 2993cc Inline6 DOHC 4v Turbo Diesel	07/2005 - On	L6	2993	182	23
N57N 306 D3 2993cc Inline6 DOHC 4v Turbo Diesel	03/2007 - On	L6	2993	182	23
N57N 306 D5 2993cc Inline6 DOHC 4v Turbo Diesel	07/2007 - On	L6	2993	182	23
N52B30 2996cc Inline6 DOHC 4v	09/2004 - 12/2011	L6	2996	182	14
N52B30A 2996cc Inline6 DOHC 4v	09/2004 - 12/2011	L6	2996	182	14
N52NB30A 2996cc Inline6 DOHC 4v	08/2006 - 11/2007	L6	2996	182	14
N52NB30B 2996cc Inline6 DOHC 4v	03/2007 - On	L6	2996	182	14
N53B30 2996cc Inline6 DOHC 4v	01/2007 - 12/2011	L6	2996	182	14
N53B30A 2996cc Inline6 DOHC 4v	01/2007 - On	L6	2996	182	14
M60B30 2997cc V8 DOHC 4v	04/1992 - 11/2001	V8	2997	182	21
S52B32 3152cc Inline6 DOHC 4v	01/1996 - 12/2000	L6	3152	192	25
S50B32 3201cc Inline6 DOHC 4v	10/1995 - 12/2002	L6	3201	195	5
M30B32 3210cc Inline6 SOHC 2v	01/1974 - 08/1986	L6	3210	195	1
M30B32 3210cc Inline6 SOHC 2v Turbo	09/1979 - 04/1983	L6	3210	195	1
S54B32 3246cc Inline6 DOHC 4v	04/2001 - 12/2006	L6	3246	198	26
M30B33 3295cc Inline6 SOHC 2v	01/1974 - 09/1976	L6	3295	201	1
M30B34 3430cc Inline6 SOHC 2v	01/1982 - 12/1988	L6	3430	209	1
M30B35 3430cc Inline6 SOHC 2v	06/1978 - 09/1995	L6	3430	209	1
S38B35 3453cc Inline6 DOHC 4v	03/1984 - 05/1989	L6	3453	210	1
M62B35 3498cc V8 DOHC 4v	01/1996 - 11/2001	V8	3498	213	21
M62TUB35 3498cc V8 DOHC 4v	04/1999 - 06/2003	V8	3498	213	21
S38B36 3535cc Inline6 DOHC 4v	01/1989 - 12/1993	L6	3535	215	1
N62B36 3600cc V8 DOHC 4v	01/2001 - 03/2005	V8	3600	219	15
M60B40 3982cc V8 DOHC 4v	04/1992 - 11/2001	V8	3982	242	21
N62B40 4000cc V8 DOHC 4v	01/2005 - 12/2010	V8	4000	244	15
M62B44 4398cc V8 DOHC 4v	01/1996 - 05/2004	V8	4398	268	21
M62TUB44 4398cc V8 DOHC 4v	01/1996 - 05/2004	V8	4398	268	21
N62B44 4398cc V8 DOHC 4v	11/2001 - 03/2010	V8	4398	268	15
N62B48A 4799cc V8 DOHC 4v	02/2004 - On	V8	4799	292	15



1	Engine	Year	Cyl	Bore x Stroke	1
	M30B25 2496cc Inline6 SOHC 2v	01/1968 - 12/1986	L6	86.0mm x 71.6mm	
	M30B28 2788cc Inline6 SOHC 2v	10/1968 - 12/1987	L6	86.0mm x 80.0mm	
	M30B30 2986cc Inline6 SOHC 2v	07/1971 - 10/1994	L6	89.0mm x 80.0mm	
	M30B32 3210cc Inline6 SOHC 2v	01/1974 - 08/1986	L6	89.0mm x 86.0mm	
	M30B32 3210cc Inline6 SOHC 2v Turbo	09/1979 - 04/1983	L6	89.0mm x 86.0mm	
	M30B33 3295cc Inline6 SOHC 2v	01/1974 - 09/1976	L6	89.0mm x 88.3mm	
	M30B34 3430cc Inline6 SOHC 2v	01/1982 - 12/1988	L6	92.0mm x 86.0mm	
	M30B35 3430cc Inline6 SOHC 2v	06/1978 - 09/1995	L6	92.0mm x 86.0mm	
	S38B35 3453cc Inline6 DOHC 4v	03/1984 - 05/1989	L6	93.4mm x 84.0mm	
	S38B36 3535cc Inline6 DOHC 4v	01/1989 - 12/1993	L6	93.4mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1486A STD, .25, .50, .75, 1.00		47.975/1.8888	52.000/2.0472	1.989/.0783	20.00/.787	F810	1486A
		47.991/1.8894	52.010/2.0476				IH
CONROD							
6B1506P STD, .25, .50, .75, 1.00		47.975/1.8888	52.000/2.0472	1.993/.0785	20.00/.787	F780	1506
		47.991/1.8894	52.010/2.0476				IH
MAINS							
7M1507A STD, .25, .50	1,2,3,5,6,7	59.969/2.3610	64.999/2.5590	2.490/.0980	24.00/.945	F810	1507A
		59.990/2.3618	65.019/2.5598				IH
	4	59.969/2.3610	64.999/2.5590	2.490/.0980	29.95/1.179	F810	1508A(F)
		59.990/2.3618	65.019/2.5598				IH
MAINS <i>Overwidth flanges on undersizes: Std=Std, 0.25=Std+0.20mm 0.50=Std+0.40mm.</i>							
7M1507P STD, .25, .50	1,2,3,5,6,7	59.969/2.3610	64.999/2.5590	2.490/.0980	24.00/.945	F780	1507
		59.990/2.3618	65.019/2.5598				IH
	4	59.969/2.3610	64.999/2.5590	2.490/.0980	29.95/1.179	F780	1508(F)
		59.990/2.3618	65.019/2.5598				IH
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4150 UNB		22.000/.8661	24.000/.9449		24.00/.945	F100	6RB4150
			24.021/.9457				
PISTON PIN BUSH							
RB4150 UNB		22.000/.8661	24.000/.9449		24.00/.945	F100	RB4150
			24.021/.9457				

2	Engine	Year	Cyl	Bore x Stroke	2
	M10B15 1499cc Inline4 SOHC 2v	10/1962 - 12/1977	L4	82.0mm x 71.0mm	
	M10B16 1573cc Inline4 SOHC 2v	09/1963 - 12/1991	L4	84.0mm x 71.0mm	
	M10B18 1766cc Inline4 SOHC 2v	01/1969 - 12/1990	L4	89.0mm x 71.0mm	
	M10B20 1990cc Inline4 SOHC 2v Turbo	01/1974 - 07/1975	L4	89.0mm x 80.0mm	
	M10B20 1991cc Inline4 SOHC 2v	01/1965 - 12/1979	L4	89.0mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1486A STD, .25, .50, .75, 1.00		47.975/1.8888	52.000/2.0472	1.989/.0783	20.00/.787	F810	1486A
		47.991/1.8894	52.010/2.0476				IH
CONROD							
4B1506P STD, .25, .50, .75, 1.00		47.975/1.8888	52.000/2.0472	1.993/.0785	20.00/.787	F780	1506
		47.991/1.8894	52.010/2.0476				IH
MAINS <i>Overwidth flange for undersizes: Std = Std, 0.25 = Std+0.20mm, 0.50 = Std+0.40mm.</i>							
5M1548A STD, .25, .50	1,2,4,5	54.971/2.1642	60.000/2.3622	2.490/.0980	24.00/.945	F810	1548A
		54.990/2.1650	60.019/2.3629				IH
	3	54.971/2.1642	60.000/2.3622	2.490/.0980	29.94/1.179	F810	1549A
		54.990/2.1650	60.019/2.3629				IH
PISTON PIN BUSH <i>Set of 4</i>							
4RB4150 UNB		22.000/.8661	24.000/.9449		24.00/.945	F100	4RB4150
			24.021/.9457				
PISTON PIN BUSH							
RB4150 UNB		22.000/.8661	24.000/.9449		24.00/.945	F100	RB4150
			24.021/.9457				

3 Engine		Year		Cyl	Bore x Stroke	3	
M21D24 W 2443cc Inline6 SOHC 2v Diesel		09/1985 - 08/1991		L6	80.0mm x 81.0mm		
M21D24 WA 2443cc Inline6 SOHC 2v Turbo Diesel		09/1983 - 09/1995		L6	80.0mm x 81.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Upper half only is Race plate.</i>							
6B1579D STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D
		44.991/1.7713	48.016/1.8904				U
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				L
CONROD							
6B1579P STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				IH
MAINS <i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>							
7M1532A STD, .25, .50, .75, 1.00	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F)
		59.990/2.3618	65.019/2.5598				UL
RACE SERIES							
7M1532H STD, .025, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.488/.0980	20.00/.787	F780	1538H
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.488/.0980	24.94/.982	F780	1539H(F)
		59.990/2.3618	65.019/2.5598				UL
RACE SERIES							
7M1532HX STD	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.475/.0974	20.00/.787	F780	1538HX
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.475/.0974	24.94/.982	F780	1539HX(F)
		59.990/2.3618	65.019/2.5598				UL
MAINS <i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>							
7M1532P STD, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F780	1538
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F780	1539(F)
		59.990/2.3618	65.019/2.5598				UL
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4151 UNB		26.000/1.0236	28.000/1.1024		22.00/.866	F100	6RB4151
			28.021/1.1032				
PISTON PIN BUSH							
RB4151 UNB		26.000/1.0236	28.000/1.1024		22.00/.866	F100	RB4151
			28.021/1.1032				

4 Engine		Year		Cyl	Bore x Stroke	4	
M57D25 2497cc Inline6 DOHC 4v Turbo Diesel		02/2000 - 05/2004		L6	80.0mm x 82.8mm		
M57D30 2926cc Inline6 DOHC 4v Turbo Diesel		08/1998 - 02/2005		L6	84.0mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Upper half only is Race plate.</i>							
6B1579D STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				L
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D
		44.991/1.7713	48.016/1.8904				U
MAINS <i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>							
7M1532A STD, .25, .50, .75, 1.00	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F)
		59.990/2.3618	65.019/2.5598				UL
RACE SERIES							
7M1532H STD, .025, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.488/.0980	20.00/.787	F780	1538H
		59.990/2.3618	65.019/2.5598				UL



4 Continued ...							4
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
7M1532H STD, .025, .25, .50	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	24.94/.982	F780	1539H(F) UL
RACE SERIES	MAINS	<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>					
7M1532HX STD	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	20.00/.787	F780	1538HX UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	24.94/.982	F780	1539HX(F) UL
	MAINS	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
7M1532P STD, .25, .50	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) UL
6RB4148 UNB	PISTON PIN BUSH	<i>Set of 6.</i>					
		29.995/1.1809 30.000/1.1811	31.995/1.2596 32.025/1.2608		22.20/.874	F100	6RB4148
RB4148 UNB	PISTON PIN BUSH						
		29.995/1.1809 30.000/1.1811	31.995/1.2596 32.025/1.2608		22.20/.874	F100	RB4148

5 Engine				Year	Cyl	Bore x Stroke	5
S50B32 3201cc Inline6 DOHC 4v				10/1995 - 12/2002	L6	86.0mm x 91.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD						
6B1497H STD, .025, .25		48.975/1.9281 48.991/1.9288	53.000/2.0866 53.015/2.0872	1.993/.0785	18.00/.709	F781	1497H IH
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
6B1497HX STD		48.975/1.9281 48.991/1.9288	53.000/2.0866 53.015/2.0872	1.980/.0780	18.00/.709	F781	1497HX IH
	MAINS	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
7M1532A STD, .25, .50, .75, 1.00	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) UL
RACE SERIES	MAINS	<i>Half grooved set. Lower half has 2 notches.</i>					
7M1532H STD, .025, .25, .50	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	20.00/.787	F780	1538H UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	24.94/.982	F780	1539H(F) UL
RACE SERIES	MAINS	<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>					
7M1532HX STD	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	20.00/.787	F780	1538HX UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	24.94/.982	F780	1539HX(F) UL
	MAINS	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
7M1532P STD, .25, .50	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) UL

6 Engine		Year		Cyl	Bore x Stroke	6	
M51D25 2498cc Inline6 SOHC 2v Turbo Diesel		09/1991 - 06/2003		L6	80.0mm x 82.8mm		
M51D25 2498cc Inline6 SOHC 2v Turbo Diesel (Int)		09/1991 - 05/2004		L6	80.0mm x 82.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Upper half only is Race plate.</i>					
6B1579D STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				L
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D
		44.991/1.7713	48.016/1.8904				U
CONROD							
6B1579P STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				IH
MAINS		<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
7M1532A STD, .25, .50, .75, 1.00	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F)
		59.990/2.3618	65.019/2.5598				UL
RACE SERIES		<i>Half grooved set. Lower half has 2 notches.</i>					
7M1532H STD, .025, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.488/.0980	20.00/.787	F780	1538H
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.488/.0980	24.94/.982	F780	1539H(F)
		59.990/2.3618	65.019/2.5598				UL
RACE SERIES		<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>					
7M1532HX STD	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.475/.0974	20.00/.787	F780	1538HX
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.475/.0974	24.94/.982	F780	1539HX(F)
		59.990/2.3618	65.019/2.5598				UL
MAINS		<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
7M1532P STD, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F780	1538
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F780	1539(F)
		59.990/2.3618	65.019/2.5598				UL
PISTON PIN BUSH		<i>Set of 6.</i>					
6RB4147 UNB		26.995/1.0628	29.000/1.1417		22.20/.874	F100	6RB4147
		27.000/1.0630	29.021/1.1426				
PISTON PIN BUSH							
RB4147 UNB		26.995/1.0628	29.000/1.1417		22.20/.874	F100	RB4147
		27.000/1.0630	29.021/1.1426				

7 Engine		Year		Cyl	Bore x Stroke	7	
S14/7 1990cc Inline4 DOHC 4v		01/1988 - 12/1991		L4	93.4mm x 72.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES		<i>Suits custom crank with 45mm journals.</i>					
4B1489H Std, .025, .25		44.975/1.7707	48.000/1.8898	1.493/.0588	16.00/.630	F781	1489H
		44.991/1.7713	48.016/1.8904				IH
RACE SERIES		<i>Suits custom crank with 45mm journals. 0.001" extra oil clearance on STD journal.</i>					
4B1489HX Std		44.975/1.7707	48.000/1.8898	1.480/.0583	16.00/.630	F781	1489HX
		44.991/1.7713	48.016/1.8904				IH



8	Engine	Year	Cyl	Bore x Stroke	8
	M40B16 1596cc Inline4 SOHC 2v	01/1988 - 12/1994	L4	84.0mm x 72.0mm	
	M40B18 1796cc Inline4 SOHC 2v	09/1987 - 08/1998	L4	84.0mm x 81.0mm	
	M42B18 1796cc Inline4 DOHC 4v	09/1989 - 02/1998	L4	84.0mm x 72.0mm	
	M43B16 1596cc Inline4 SOHC 2v	09/1990 - 02/2005	L4	84.0mm x 72.0mm	
	M43B18 1796cc Inline4 SOHC 2v	08/1989 - 10/1999	L4	84.0mm x 81.0mm	
	M43B19 (TU) 1895cc Inline4 SOHC 2v	02/1998 - 01/2003	L4	85.0mm x 83.5mm	
	M44B19 1895cc Inline4 DOHC 4v	07/1995 - 08/2000	L4	85.0mm x 83.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD						
4B1490H STD, .025, .25, .50		44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.490/.0587	18.00/.709	F781	1490H IH
RACE SERIES	CONROD						
4B1490HX STD		44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.477/.0581	18.00/.709	F781	1490HX IH
4B1490P STD, .25, .50, .75, 1.00	CONROD	44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.493/.0588	18.00/.709	F780	1490 IH
5M1538A STD, .25, .50	MAINS 1,2,3,4,5 1,2,4,5 3	59.971/2.3611 59.990/2.3618 59.971/2.3611 59.990/2.3618 59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598 65.000/2.5591 65.019/2.5598 65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A L 1538A U 1539A(F) U
RACE SERIES	MAINS						
5M1538H STD, .025, .25, .50	1,2,4,5 3	59.971/2.3611 59.990/2.3618 59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598 65.000/2.5591 65.019/2.5598	2.488/.0980	20.00/.787	F780	1538H UL 1539H(F) UL
RACE SERIES	MAINS						
5M1538HX STD	1,2,4,5 3	59.971/2.3611 59.990/2.3618 59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598 65.000/2.5591 65.019/2.5598	2.475/.0974	20.00/.787	F780	1538HX UL 1539HX(F) UL
5M1538P STD, .25, .50	MAINS 1,2,3,4,5 1,2,4,5 3	59.971/2.3611 59.990/2.3618 59.971/2.3611 59.990/2.3618 59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598 65.000/2.5591 65.019/2.5598 65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 L 1538 U 1539(F) U
RB4141 UNB	PISTON PIN BUSH	22.000/.8661	24.000/.9449 24.031/.9461	1.330/.0524	22.00/.866	F100	RB4141

9	Engine	Year	Cyl	Bore x Stroke	9		
	M41D17 1665cc Inline4 SOHC 2v Diesel	09/1994 - 08/2000	L4	80.0mm x 82.8mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1579D STD, .25	CONROD	44.975/1.7707 44.991/1.7713 44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904 48.000/1.8898 48.016/1.8904	1.497/.0589	18.00/.709	F780	1579 L 1579D U
4B1579P STD, .25	CONROD	44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.497/.0589	18.00/.709	F780	1579 IH

9 Continued ... **9**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>							
5M1532A STD, .25	1,2,4,5	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A IH
	3	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) IH
MAINS <i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>							
5M1532P STD, .25, .50	1,2,4,5	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 IH
	3	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) IH
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4147 UNB		26.995/1.0628 27.000/1.0630	29.000/1.1417 29.021/1.1426		22.20/.874	F100	4RB4147
PISTON PIN BUSH							
RB4147 UNB		26.995/1.0628 27.000/1.0630	29.000/1.1417 29.021/1.1426		22.20/.874	F100	RB4147

10 Engine **Year** **Cyl** **Bore x Stroke** **10**

M47D20 1951cc Inline4 DOHC 4v Turbo Diesel	01/1998 - 07/2003	L4	84.0mm x 88.0mm
M47TUD20 1951cc Inline4 DOHC 4v Turbo Diesel	09/2001 - 05/2005	L4	84.0mm x 88.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD <i>Upper half only is Race plate</i>							
4B1579D STD, .25		44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.497/.0589	18.00/.709	F780	1579 L
		44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.497/.0589	18.00/.709	F781	1579D U
		44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.497/.0589	18.00/.709	F780	1579 IH
		44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.497/.0589	18.00/.709	F780	1579 IH
CONROD							
4B1579P STD, .25		44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.497/.0589	18.00/.709	F780	1579 IH
		44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.497/.0589	18.00/.709	F780	1579 IH
MAINS <i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>							
5M1532A STD, .25	1,2,4,5	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A IH
	3	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) IH
MAINS <i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>							
5M1532P STD, .25, .50	1,2,4,5	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 IH
	3	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) IH
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4148 UNB		29.995/1.1809 30.000/1.1811	31.995/1.2596 32.025/1.2608		22.20/.874	F100	4RB4148
PISTON PIN BUSH							
RB4148 UNB		29.995/1.1809 30.000/1.1811	31.995/1.2596 32.025/1.2608		22.20/.874	F100	RB4148



11	Engine	Year	Cyl	Bore x Stroke	11
	N40B16A 1596cc Inline4 DOHC 4v	06/2002 - 02/2005	L4	84.0mm x 72.0mm	
	N42B18 1796cc Inline 4 DOHC 4v	06/2001 - 02/2005	L4	84.0mm x 81.0mm	
	N42B20 1995cc Inline 4 DOHC 4v	09/2001 - 02/2005	L4	84.0mm x 90.0mm	
	N45B16 1596cc Inline4 DOHC 4v	06/2002 - 12/2011	L4	84.0mm x 72.0mm	
	N45B16 TU2 1596cc Inline4 DOHC 4v	02/2006 - 12/2011	L4	84.0mm x 72.0mm	
	N45B16A 1596cc Inline4 DOHC 4v	06/2002 - 09/2012	L4	84.0mm x 72.0mm	
	N45B20A 1997cc Inline4 DOHC 4v	05/2006 - 12/2011	L4	85.0mm x 88.0mm	
	N46B18 1796cc Inline4 DOHC 4v	02/2002 - 02/2005	L4	84.0mm x 81.0mm	
	N46B18A 1796cc Inline4 DOHC 4v	06/2001 - 02/2005	L4	84.0mm x 81.0mm	
	N46B20 1995cc Inline4 DOHC 4v	09/2001 - 08/2007	L4	84.0mm x 90.0mm	
	N46B20A 1995cc Inline4 DOHC 4v	09/2001 - 09/2012	L4	84.0mm x 90.0mm	
	N46B20B 1995cc Inline4 DOHC 4v	11/2003 - 09/2012	L4	84.0mm x 90.0mm	
	N46B20C 1995cc Inline4 DOHC 4v	11/2003 - 09/2012	L4	84.0mm x 90.0mm	
	N46NB20B 1995cc Inline4 DOHC 4v	11/2006 - 08/2007	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1395P STD		49.981/1.9678	53.600/2.1102	1.797/.0707	17.55/.691	F780	1395 IH
		49.997/1.9684	53.616/2.1109				
MAINS							
5M1397A STD	1,2,3			2.500/.0984	18.80/.740	F810	1398A U
	1,2,3,4			2.500/.0984	18.80/.740	F810	1398A L
	4			2.500/.0984	23.88/.940	F810	1399A(F) U
	5			2.500/.0984	19.80/.780	F810	1397A UL
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4152 UNB		20.000/.7874	21.995/.8659	1.200/.0472	21.30/.839	F100	4RB4152
			22.031/.8674				
PISTON PIN BUSH							
RB4152 UNB		20.000/.7874	21.995/.8659	1.200/.0472	21.30/.839	F100	RB4152

12	Engine	Year	Cyl	Bore x Stroke	12
	M20B20 1991cc Inline6 SOHC 2v	09/1977 - 12/1993	L6	80.0mm x 66.0mm	
	M20B23 2315cc Inline6 SOHC 2v	01/1978 - 12/1986	L6	80.0mm x 76.8mm	
	M20B25 2494cc Inline6 SOHC 2v	09/1983 - 10/1993	L6	84.0mm x 75.0mm	
	M20B27 2693cc Inline6 SOHC 2v	01/1981 - 01/1988	L6	84.0mm x 81.0mm	
	M50B20 1991cc Inline6 DOHC 4v	09/1989 - 04/1999	L6	80.0mm x 66.0mm	
	M50B20TU 1991cc Inline6 DOHC 4v	09/1992 - 09/1999	L6	80.0mm x 66.0mm	
	M50B25 2494cc Inline6 DOHC 4v	01/1988 - 04/1999	L6	84.0mm x 75.0mm	
	M50B25TU 2494cc Inline6 DOHC 4v	09/1989 - 04/1999	L6	84.0mm x 75.0mm	
	M52B20 1991cc Inline6 DOHC 4v	09/1990 - 05/2004	L6	80.0mm x 66.0mm	
	M52B20TU 1991cc Inline6 DOHC 4v	01/1998 - 12/2001	L6	80.0mm x 66.0mm	
	M52B25 2494cc Inline6 DOHC 4v	08/1989 - 09/2000	L6	84.0mm x 75.0mm	
	M52B25TU 2494cc Inline6 DOHC 4v	11/1995 - 09/2000	L6	84.0mm x 75.0mm	
	M52B28 2793cc Inline6 DOHC 4v	01/1995 - 11/2001	L6	84.0mm x 84.0mm	
	M52B28TU 2793cc Inline6 DOHC 4v	01/1995 - 11/2001	L6	84.0mm x 84.0mm	
	M54B22 2171cc Inline6 DOHC 4v	08/2000 - 03/2010	L6	80.0mm x 72.0mm	
	M54B25 2494cc Inline6 DOHC 4v	09/2000 - 03/2010	L6	84.0mm x 75.0mm	
	M54B30 2979cc Inline6 DOHC 4v	05/2000 - 03/2010	L6	84.0mm x 89.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1490A STD, .25, .50, .75, 1.00		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F810	1490A IH
		44.991/1.7713	48.016/1.8904				

12		Continued ...						12	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
RACE SERIES 6B1490H STD, .025, .25, .50	CONROD	44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.490/.0587	18.00/.709	F781	1490H IH		
RACE SERIES 6B1490HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.477/.0581	18.00/.709	F781	1490HX IH
6B1490P STD, .25, .50, .75, 1.00	CONROD	44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.493/.0588	18.00/.709	F780	1490 IH		
7M1532A STD, .25, .50, .75, 1.00	MAINS	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>							
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A UL		
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) UL		
RACE SERIES 7M1532H STD, .025, .25, .50	MAINS	<i>Half grooved set. Lower half has 2 notches.</i>							
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	20.00/.787	F780	1538H UL		
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	24.94/.982	F780	1539H(F) UL		
RACE SERIES 7M1532HX STD	MAINS	<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>							
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	20.00/.787	F780	1538HX UL		
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	24.94/.982	F780	1539HX(F) UL		
7M1532P STD, .25, .50	MAINS	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>							
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 UL		
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) UL		
7M1539A STD, .25, .50, .75, 1.00	MAINS	<i>Full grooved set. Single notch on both halves. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>							
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A IH		
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) IH		
7M1539P STD, .25, .50	MAINS	<i>Full grooved set. Single notch on both halves. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>							
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 IH		
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) IH		
6RB4141 UNB	PISTON PIN BUSH	<i>Set of 6, has no hole.</i>		22.000/.8661 24.000/.9449 24.031/.9461	22.00/.866	F100	6RB4141		
6RB4146 UNB	PISTON PIN BUSH	<i>Set of 6, has one hole.</i>		24.000/.9449 24.031/.9461	22.00/.866	F100	6RB4146		
RB4141 UNB	PISTON PIN BUSH	<i>Has no hole.</i>		22.000/.8661 24.000/.9449 24.031/.9461	1.330/.0524	F100	RB4141		
RB4146 UNB	PISTON PIN BUSH	<i>Has one hole.</i>		609.600/24.0000 24.031/.9461	22.00/.866	F100	RB4146		



13 Engine		Year	Cyl	Bore x Stroke	13		
S14B20 1990cc Inline4 DOHC 4v		01/1987 - 12/1990	L4	93.4mm x 72.6mm			
S14B23 2302cc Inline4 DOHC 4v		01/1986 - 12/1990	L4	93.4mm x 84.0mm			
S14B25 2467cc Inline4 DOHC 4v		01/1989 - 12/1990	L4	95.0mm x 87.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 4B1568H STD, .025, .25	CONROD	47.975/1.8888 47.991/1.8894	52.000/2.0472 52.015/2.0478	1.993/.0785	20.00/.787	F781	1568H IH
RACE SERIES 4B1568HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.980/.0780	20.00/.787	F781	1568HX IH

14 Engine		Year	Cyl	Bore x Stroke	14		
N52B25 2497cc Inline6 DOHC 4v		01/2005 - 12/2011	L6	82.0mm x 78.8mm			
N52B25A 2497cc Inline6 DOHC 4v		01/2005 - 12/2011	L6	82.0mm x 78.8mm			
N52B25C 2497cc Inline6 DOHC 4v		09/2005 - 12/2011	L6	82.0mm x 78.8mm			
N52B30 2996cc Inline6 DOHC 4v		09/2004 - 12/2011	L6	85.0mm x 88.0mm			
N52B30A 2996cc Inline6 DOHC 4v		09/2004 - 12/2011	L6	85.0mm x 88.0mm			
N52NB25A 2497cc Inline6 DOHC 4v		04/2006 - 06/2007	L6	82.0mm x 78.8mm			
N52NB30A 2996cc Inline6 DOHC 4v		08/2006 - 11/2007	L6	85.0mm x 88.0mm			
N52NB30B 2996cc Inline6 DOHC 4v		03/2007 - On	L6	85.0mm x 88.0mm			
N53B25A 2497cc Inline6 DOHC 4v		03/2007 - 12/2010	L6	82.0mm x 78.8mm			
N53B30 2996cc Inline6 DOHC 4v		01/2007 - 12/2011	L6	85.0mm x 88.0mm			
N53B30A 2996cc Inline6 DOHC 4v		01/2007 - On	L6	85.0mm x 88.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1395P STD	CONROD	49.981/1.9678 49.997/1.9684	53.600/2.1102 53.616/2.1109	1.797/.0707	17.55/.691	F780	1395 IH
7M1397A STD	MAINS			2.500/.0984	19.80/.780	F810	1397A UL
				2.500/.0984	18.80/.740	F810	1398A L
				2.500/.0984	18.80/.740	F810	1398A U
				2.500/.0984	23.88/.940	F810	1399A(F) U
6RB4152 UNB	PISTON PIN BUSH	<i>Set of 6.</i>		1.200/.0472	21.30/.839	F100	6RB4152
RB4152 UNB	PISTON PIN BUSH	20.000/.7874	21.995/.8659 22.031/.8674	1.200/.0472	21.30/.839	F100	RB4152

15 Engine		Year	Cyl	Bore x Stroke	15		
N62B36 3600cc V8 DOHC 4v		01/2001 - 03/2005	V8	84.0mm x 81.2mm			
N62B40 4000cc V8 DOHC 4v		01/2005 - 12/2010	V8	87.0mm x 84.1mm			
N62B44 4398cc V8 DOHC 4v		11/2001 - 03/2010	V8	92.0mm x 82.7mm			
N62B48A 4799cc V8 DOHC 4v		02/2004 - On	V8				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1618P STD	MAINS			2.500/.0984	26.99/1.063	F780	1619(F) UL
				2.500/.0984	22.50/.886	F780	1618 UL

16 Engine		Year		Cyl	Bore x Stroke	16	
R50 (Toyota 1ND-TV) 1364cc Inline4 SOHC 2v Turbo Diesel		01/2001 - 12/2006		L4	73.0mm x 81.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>To suit 40mm Journal.</i>							
4B8224A STD, .25, .50, .75, 1.00, 1.25			43.000/1.6929	1.495/.0589	13.63/.537	F810	8224A IH
			43.020/1.6937				
CONROD <i>To suit 44mm Journal.</i>							
4B8225A STD, .25, .50, .75, 1.00, 1.25			47.000/1.8504	1.495/.0589	15.60/.614	F810	8225A IH
			47.020/1.8512				
MAINS <i>Same as 5M8214A but with no notch.</i>							
5M8226A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	46.000/1.8110	50.000/1.9685	2.000/.0787	16.00/.630	F810	8226A UL
		46.012/1.8115	50.016/1.9691				
THRUST							
1T1853 STD		53.600/2.1102	69.550/2.7382		2.48/.098	F817	1853T IH
		53.850/2.1201	69.800/2.7480				

17 Engine		Year		Cyl	Bore x Stroke	17	
M47TU2D20 1995cc Inline4 DOHC 4v Turbo Diesel		09/2004 - 08/2008		L4	84.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Upper half only is Race plate</i>							
4B1579D STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579 L
		44.991/1.7713	48.016/1.8904				
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D U
		44.991/1.7713	48.016/1.8904				
CONROD							
4B1579P STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579 IH
		44.991/1.7713	48.016/1.8904				
MAINS <i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>							
5M1532A STD, .25	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A IH
		59.990/2.3618	65.019/2.5598				
	3	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F) IH
5M1532P STD, .25, .50	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F780	1538 IH
		59.990/2.3618	65.019/2.5598				
	3	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F780	1539(F) IH
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4149 UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	4RB4149
		30.000/1.1811	32.025/1.2608				
PISTON PIN BUSH							
RB4149 UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	RB4149
		30.000/1.1811	32.025/1.2608				

18 Engine		Year		Cyl	Bore x Stroke	18	
M57D30TU2 2993cc Inline6 DOHC 4v Turbo Diesel		09/2005 - On		L6	84.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Upper half only is Race plate.</i>							
6B1579D STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D U
		44.991/1.7713	48.016/1.8904				
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579 L
		44.991/1.7713	48.016/1.8904				
MAINS							
7M1588P STD	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.502/.0985	20.00/.787	F780	1588 UL
		59.990/2.3618	65.019/2.5598				
	6	59.971/2.3611	65.000/2.5591	2.502/.0985	24.89/.980	F780	1589(F) UL



18 Continued ... **18**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4148 UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	6RB4148
		30.000/1.1811	32.025/1.2608				
PISTON PIN BUSH							
RB4148 UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	RB4148
		30.000/1.1811	32.025/1.2608				

19 Engine **19**

M57N 256 D4 2497cc Inline6 DOHC 4v Turbo Diesel 06/2004 - On Cyl L6 Bore x Stroke 84.0mm x 75.1mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Upper half only is Race plate.</i>							
6B1579D STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				L
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D
		44.991/1.7713	48.016/1.8904				U
MAINS							
7M1588P STD	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.502/.0985	20.00/.787	F780	1588
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.502/.0985	24.89/.980	F780	1589(F)
		59.990/2.3618	65.019/2.5598				UL

20 Engine **20**

M57N 306 D2 2993cc Inline6 DOHC 4v Turbo Diesel 10/2002 - On Cyl L6 Bore x Stroke 84.0mm x 90.0mm
M57N 306 D4 2993cc Inline6 DOHC 4v Turbo Diesel 12/2003 - On Cyl L6 Bore x Stroke 84.0mm x 90.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Upper half only is Race plate.</i>							
6B1579D STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				L
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D
		44.991/1.7713	48.016/1.8904				U
MAINS <i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>							
7M1532A STD, .25, .50, .75, 1.00	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F)
	59.990/2.3618	65.019/2.5598				UL	
RACE SERIES							
7M1532H STD, .025, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.488/.0980	20.00/.787	F780	1538H
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.488/.0980	24.94/.982	F780	1539H(F)
		59.990/2.3618	65.019/2.5598				UL
RACE SERIES							
7M1532HX STD	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.475/.0974	20.00/.787	F780	1538HX
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.475/.0974	24.94/.982	F780	1539HX(F)
		59.990/2.3618	65.019/2.5598				UL
MAINS <i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>							
7M1532P STD, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F780	1538
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F780	1539(F)
	59.990/2.3618	65.019/2.5598				UL	

21	Engine	Year	Cyl	Bore x Stroke	21
	M60B30 2997cc V8 DOHC 4v	04/1992 - 11/2001	V8	84.0mm x 67.6mm	
	M60B40 3982cc V8 DOHC 4v	04/1992 - 11/2001	V8	89.0mm x 90.0mm	
	M62B35 3498cc V8 DOHC 4v	01/1996 - 11/2001	V8	84.0mm x 78.9mm	
	M62B44 4398cc V8 DOHC 4v	01/1996 - 05/2004	V8	92.0mm x 82.7mm	
	M62TUB35 3498cc V8 DOHC 4v	04/1999 - 06/2003	V8	84.0mm x 78.9mm	
	M62TUB44 4398cc V8 DOHC 4v	01/1996 - 05/2004	V8	92.0mm x 82.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B1458P STD	CONROD	47.795/1.8817	52.000/2.0472	1.997/.0786	17.00/.669	F780	1458 IH
		47.991/1.8894	52.013/2.0478				
5M1459A STD	MAINS 1,2,3,4,5	69.971/2.7548	75.000/2.9528	2.505/.0986	24.00/.945	F810	1459A UL
		69.990/2.7555	75.019/2.9535				

22	Engine	Year	Cyl	Bore x Stroke	22
	N47D20A 1995cc Inline4 DOHC 4v Turbo Diesel	11/2003 - On	L4	84.0mm x 90.0mm	
	N47D20B 1995cc Inline4 DOHC 4v Turbo Diesel	03/2007 - On	L4	84.0mm x 90.0mm	
	N47D20C 1995cc Inline4 DOHC 4v Turbo Diesel	11/2003 - On	L4	84.0mm x 90.0mm	
	N47S D20D 1995cc Inline4 DOHC 4v Turbo Diesel	10/2009 - On	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1516D STD	CONROD	49.975/1.9675	53.600/2.1102	1.803/.0710	18.30/.721	F780	1516 L
		49.991/1.9681	53.619/2.1110				
		49.975/1.9675	53.600/2.1102	1.803/.0710	18.30/.721	F781	1516D U
		49.991/1.9681	53.619/2.1110				
4B1516P STD	CONROD	49.975/1.9675	53.600/2.1102	1.803/.0710	18.30/.721	F780	1516 IH
		49.991/1.9681	53.619/2.1110				
5M1518P STD	MAINS	54.971/2.1642	60.000/2.3622	2.498/.0983	18.80/.740	F780	1518 UL
		54.990/2.1650	60.019/2.3629				
		54.971/2.1642	60.000/2.3622	2.498/.0983	23.50/.925	F780	1519(F) UL
		54.990/2.1650	60.019/2.3629				

23	Engine	Year	Cyl	Bore x Stroke	23
	N57 306 D2 2993cc Inline6 DOHC 4v Turbo Diesel	07/2003 - On	L6	84.0mm x 90.0mm	
	N57 306 D3 2993cc Inline6 DOHC 4v Turbo Diesel	03/2007 - On	L6	84.0mm x 90.0mm	
	N57N 306 D2 2993cc Inline6 DOHC 4v Turbo Diesel	07/2005 - On	L6	84.0mm x 90.0mm	
	N57N 306 D3 2993cc Inline6 DOHC 4v Turbo Diesel	03/2007 - On	L6	84.0mm x 90.0mm	
	N57N 306 D5 2993cc Inline6 DOHC 4v Turbo Diesel	07/2007 - On	L6	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1516D STD	CONROD	49.975/1.9675	53.600/2.1102	1.803/.0710	18.30/.721	F780	1516 L
		49.991/1.9681	53.619/2.1110				
		49.975/1.9675	53.600/2.1102	1.803/.0710	18.30/.721	F781	1516D U
		49.991/1.9681	53.619/2.1110				
6B1516P STD	CONROD	49.975/1.9675	53.600/2.1102	1.803/.0710	18.30/.721	F780	1516 IH
		49.991/1.9681	53.619/2.1110				
7M1518P STD	MAINS	54.971/2.1642	60.000/2.3622	2.498/.0983	23.50/.925	F780	1519(F) UL
		54.990/2.1650	60.019/2.3629				
		54.971/2.1642	60.000/2.3622	2.498/.0983	18.80/.740	F780	1518 UL
		54.990/2.1650	60.019/2.3629				



24 Engine		Year		Cyl	Bore x Stroke		24
S50B30 2990cc Inline6 DOHC 4v		01/1992 - 04/1996		L6	86.0mm x 85.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 6B1515H STD, .025, .25	CONROD	49.975/1.9675 49.991/1.9681	53.000/2.0866 53.015/2.0872	1.493/.0588	18.00/.709	F781	1515H IH
RACE SERIES 6B1515HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.480/.0583	18.00/.709	F781	1515HX IH
7M1532A STD, .25, .50, .75, 1.00	MAINS	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) UL
RACE SERIES 7M1532H STD, .025, .25, .50	MAINS	<i>Half grooved set. Lower half has 2 notches.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	20.00/.787	F780	1538H UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	24.94/.982	F780	1539H(F) UL
RACE SERIES 7M1532HX STD	MAINS	<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	20.00/.787	F780	1538HX UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	24.94/.982	F780	1539HX(F) UL
7M1532P STD, .25, .50	MAINS	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) UL

25 Engine		Year		Cyl	Bore x Stroke		25
S52B32 3152cc Inline6 DOHC 4v		01/1996 - 12/2000		L6	86.4mm x 89.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
7M1532A STD, .25, .50, .75, 1.00	MAINS	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) UL
RACE SERIES 7M1532H STD, .025, .25, .50	MAINS	<i>Half grooved set. Lower half has 2 notches.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	20.00/.787	F780	1538H UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	24.94/.982	F780	1539H(F) UL
RACE SERIES 7M1532HX STD	MAINS	<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	20.00/.787	F780	1538HX UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	24.94/.982	F780	1539HX(F) UL
7M1532P STD, .25, .50	MAINS	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) UL

26 Engine		Year		Cyl	Bore x Stroke	26	
S54B32 3246cc Inline6 DOHC 4v		04/2001 - 12/2006		L6	87.0mm x 91.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD						
6B1569H Std, .025, .25		48.975/1.9281 48.991/1.9288	53.000/2.0866 53.015/2.0872	1.993/.0785	16.00/.630	F781	1569H IH
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
6B1569HX Std		48.975/1.9281 48.991/1.9288	53.000/2.0866 53.015/2.0872	1.980/.0780	16.00/.630	F781	1569HX IH
	MAINS	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
7M1532A STD, .25, .50, .75, 1.00	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) UL
RACE SERIES	MAINS	<i>Half grooved set. Lower half has 2 notches.</i>					
7M1532H STD, .025, .25, .50	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	20.00/.787	F780	1538H UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	24.94/.982	F780	1539H(F) UL
RACE SERIES	MAINS	<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>					
7M1532HX STD	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	20.00/.787	F780	1538HX UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	24.94/.982	F780	1539HX(F) UL
	MAINS	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
7M1532P STD, .25, .50	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) UL



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
122ci (2.0L) S4RE Inline4 SOHC 4v	01/1995 - 12/2005	L4	1995	121	24
122ci (2.0L) Inline4 DOHC 4v	01/1995 - 11/2004	L4	1996	121	24
135ci (2.2L) Inline4 DOHC 4v Turbo	01/1989 - 12/1993	L4	2212	135	3
135ci (2.2L) Inline4 SOHC 2v	01/1981 - 12/1994	L4	2212	135	3
135ci (2.2L) Inline4 SOHC 2v Turbo	01/1984 - 12/1990	L4	2212	135	3
144ci ED3 (2.4L) GEMA Inline4 DOHC 4v	01/2007 - On	L4	2360	144	17
148ci (2.4L) (EDZ) Inline4 DOHC 4v	01/1995 - 06/2010	L4	2429	148	4
148ci (2.4L) Inline4 DOHC 4v Turbo	01/2003 - 12/2008	L4	2429	148	4
153ci (2.5L) Inline4 SOHC 2v	01/1986 - 12/1995	L4	2507	153	5
153ci (2.5L) Inline4 SOHC 2v Turbo	01/1989 - 12/1992	L4	2507	153	5
167ci (2.7L) V6 DOHC 4v	01/1998 - On	V6	2736	166	6
170ci Inline6 OHV 2v	01/1960 - 12/1971	L6	2785	170	21
197ci (3.2L) VIN J (EGW) V6 SOHC 4v	01/1998 - 12/2001	V6	3231	197	7
198ci Inline6 OHV 2v	01/1970 - 12/1974	L6	3244	198	21
201ci (3.3L) VIN 3/G/J/R/S/T/U V6 OHV 2v	01/1990 - 12/2010	V6	3301	201	10
215ci (3.5L) V6 SOHC 4v (Alum. Block)	01/1999 - 12/2011	V6	3518	214	8
215ci (3.5L) V6 SOHC 4v (C.I. Block)	01/1993 - 12/1997	V6	3518	214	9
215ci Inline6 OHV 2v	01/1970 - 12/1975	L6	3523	215	22
225ci Inline6 OHV 2v	01/1960 - 12/1987	L6	3687	225	20
3.7L (226ci) PowerTech V6 SOHC 2v	01/2002 - On	V6	3701	225	1
230ci (3.8L) VIN 1/L/P V6 OHV 2v	01/1991 - 12/2011	V6	3778	230	10
239ci (3.9L) Magnum V6 OHV 2v	01/1987 - 12/2003	V6	3912	238	11
241ci (4.0L) V6 SOHC 4v	01/2007 - 12/2012	V6	3952	241	18
245ci Inline6 OHV 2v	01/1970 - 06/1980	L6	4014	245	22
265ci Inline6 OHV 2v	01/1970 - 12/1981	L6	4342	265	22
273ci V8 OHV 2v	01/1964 - 12/1969	V8	4473	273	19
4.7L (287ci) PowerTech V8 SOHC 2v	06/1999 - On	V8	4701	286	23
301ci V8 OHV 2v	01/1956 - 12/1957	V8	4932	301	19
303ci V8 OHV 2v	01/1958 - 01/1963	V8	4965	303	19
313ci V8 OHV 2v	01/1958 - 12/1965	V8	5129	313	19
318ci V8 OHV 2v	01/1957 - 12/2003	V8	5211	318	25
326ci V8 OHV 2v	01/1959 - 12/1959	V8	5342	326	19
340ci V8 OHV 2v	01/1968 - 12/1973	V8	5571	340	19
5.7L (345ci) Hemi V8 OHV 2v	01/2003 - On	V8	5653	345	2
350ci (B Series) V8 OHV 2v	01/1958 - 12/1958	V8	5735	350	12
360ci V8 OHV 2v	01/1971 - 12/2003	V8	5899	360	26
361ci (B Series) V8 OHV 2v	01/1958 - 12/1964	V8	5915	361	12
6.1L (370ci) Hemi V8 OHV 2v	01/2005 - On	V8	6059	369	2
383ci (RB Series) V8 OHV 2v	01/1958 - 12/1960	V8	6271	382	13
383ci (B Series) V8 OHV 2v	01/1959 - 12/1972	V8	6278	383	12
6.4L (392ci) Hemi V8 OHV 2v	01/2011 - On	V8	6417	391	16
400ci (B Series) V8 OHV 2v	01/1971 - 12/1978	V8	6554	400	12
413ci (RB Series) V8 OHV 2v	01/1959 - 12/1977	V8	6767	413	13
426ci (RB Series) V8 OHV 2v	01/1963 - 12/1965	V8	6980	426	13
426ci Hemi V8 OHV 2v	01/1964 - 12/1971	V8	6980	426	27
440ci (RB Series) V8 OHV 2v	01/1966 - 12/1980	V8	7210	440	13
8.0L (488ci) V10 OHV 2v Al Block	01/1992 - 12/2003	V10	8000	488	14
8.0L (488ci) V10 OHV 2v C.I. Block	01/1994 - 12/2003	V10	8000	488	15



1 Engine		Year		Cyl	Bore x Stroke	1	
3.7L (226ci) PowerTech V6 SOHC 2v		01/2002 - On		V6	93.0mm x 90.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>This part has no locating notch.</i>							
6B7200A STD, .25, .50		57.897/2.2794	61.194/2.4092	1.641/.0646	16.64/.655	F810	7200A IH
		57.904/2.2797	61.206/2.4097				
6B7201A STD, .25, .50		57.897/2.2794	61.194/2.4092	1.641/.0646	16.64/.655	F810	7201A IH
		57.904/2.2797	61.206/2.4097				
MAINS							
4M7214A STD, .25, .50, .75, 1.00	1,2,3,4	63.495/2.4998	68.395/2.6927	2.443/.0962	20.63/.812	F810	7214A UL
		63.505/2.5002	68.405/2.6931				
MAINS <i>Set includes 1 set of thrustwashers 1T7214</i>							
4M7214A+2T STD, .25, .50, .75, 1.00		71.000/2.7953	91.000/3.5827		2.54/.100	F817	7214T UL
		71.250/2.8051	91.250/3.5925				
	1,2,3,4	63.495/2.4998	68.395/2.6927	2.443/.0962	20.63/.812	F810	7214A UL
		63.505/2.5002	68.405/2.6931				
THRUST							
1T7214 STD		71.000/2.7953	91.000/3.5827		2.54/.100	F817	7214T UL
		71.250/2.8051	91.250/3.5925				

2 Engine		Year		Cyl	Bore x Stroke	2	
5.7L (345ci) Hemi V8 OHV 2v		01/2003 - On		V8	99.5mm x 90.9mm		
6.1L (370ci) Hemi V8 OHV 2v		01/2005 - On		V8	103.0mm x 90.9mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B1808A STD, .25, .50		53.993/2.1257	57.206/2.2522	1.590/.0626	20.10/.791	F810	7211A IH
		54.008/2.1263	57.219/2.2527				
CONROD							
RACE SERIES 8B1808H STD, .025, .25		53.993/2.1257	57.206/2.2522	1.585/.0624	18.75/.738	F781	7211H UL
		54.008/2.1263	57.219/2.2527				
CONROD <i>0.001" extra oil clearance on STD journal.</i>							
RACE SERIES 8B1808HX STD		53.993/2.1257	57.206/2.2522	1.572/.0619	18.75/.738	F781	7211HX UL
		54.008/2.1263	57.219/2.2527				
CONROD							
8B1808P STD, .25, .50		53.992/2.1257	57.206/2.2522	1.590/.0626	20.10/.791	F780	7211 IH
		54.008/2.1263	57.219/2.2527				
MAINS							
5M2220A STD, .25, .50	1,2,3,4,5	64.996/2.5589	69.893/2.7517	2.439/.0960	21.60/.850	F810	7216A UL
		65.004/2.5592	69.906/2.7522				
MAINS							
RACE SERIES 5M2220H STD, .025, .25	1,2,3,4,5	64.996/2.5589	69.893/2.7517	2.434/.0958	21.10/.831	F780	7216H UL
		65.004/2.5592	69.906/2.7522				
MAINS <i>0.001" extra oil clearance on STD journal.</i>							
RACE SERIES 5M2220HX STD	1,2,3,4,5	64.996/2.5589	69.893/2.7517	2.421/.0953	21.10/.831	F780	7216HX UL
		65.004/2.5592	69.906/2.7522				
THRUST							
1T611S STD		72.644/2.8600			2.59/.102	F817	7216T UL
		73.152/2.8800					



3	Engine	Year	Cyl	Bore x Stroke	3
	135ci (2.2L) Inline4 DOHC 4v Turbo <i>VIN Codes A, P, R</i>	01/1989 - 12/1993	L4	87.5mm x 92.0mm	
	135ci (2.2L) Inline4 SOHC 2v <i>VIN Code B, C, D</i>	01/1981 - 12/1994	L4	3.44in x 3.62in	
	135ci (2.2L) Inline4 SOHC 2v Turbo <i>VIN Code A, C, E</i>	01/1984 - 12/1990	L4	87.5mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1269A STD, 10, 20, 30, 40		49.980/1.9677	52.989/2.0862	1.483/.0584	20.04/.789	F810	4360A
		50.005/1.9687	53.007/2.0869				IH
MAINS <i>Half Groove</i>							
5M1533A STD, 010, 020, 030, 040	1,2,4,5	59.987/2.3617	63.990/2.5193	1.976/.0778	21.46/.845	F810	4358A
		60.013/2.3627	64.008/2.5200				IH
	3	59.987/2.3617	63.990/2.5193	1.976/.0778	27.86/1.097	F810	4359A(F)
		60.013/2.3627	64.008/2.5200				IH
BALANCE							
2C026S STD	1	42.670/1.6799	45.970/1.8098	1.633/.0643	19.05/.750	F23	4670
		42.695/1.6809	46.030/1.8122				
	2	19.670/.7744	22.970/.9043	1.633/.0643	21.08/.830	F23	4671
		19.693/.7753	23.030/.9067				

4	Engine	Year	Cyl	Bore x Stroke	4
	148ci (2.4L) (EDZ) Inline4 DOHC 4v <i>VIN Codes 9, B, J, X</i>	01/1995 - 06/2010	L4	87.5mm x 101.0mm	
	148ci (2.4L) Inline4 DOHC 4v Turbo <i>VIN Codes E, G, 8</i>	01/2003 - 12/2008	L4	87.5mm x 101.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B4565A STD, .25, .50, .75, 1.00		50.007/1.9688	52.995/2.0864	1.483/.0584	20.13/.793	F810	4565A
		50.025/1.9695	53.007/2.0869				IH
MAINS							
5M7313A STD, .25, .50, .75	1,2,4,5	59.992/2.3619	64.000/2.5197	1.984/.0781	21.72/.855	F810	7312A
		60.007/2.3625	64.013/2.5202				IH
	3	59.992/2.3619	64.000/2.5197	1.984/.0781	27.86/1.097	F810	7313A(F)
		60.007/2.3625	64.013/2.5202				UL

5	Engine	Year	Cyl	Bore x Stroke	5
	153ci (2.5L) Inline4 SOHC 2v <i>VIN Code K</i>	01/1986 - 12/1995	L4	3.44in x 4.09in	
	153ci (2.5L) Inline4 SOHC 2v Turbo	01/1989 - 12/1992	L4	87.5mm x 104.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1269A STD, 10, 20, 30, 40		49.980/1.9677	52.989/2.0862	1.483/.0584	20.04/.789	F810	4360A
		50.005/1.9687	53.007/2.0869				IH
MAINS <i>Half Groove</i>							
5M1533A STD, 010, 020, 030, 040	1,2,4,5	59.987/2.3617	63.990/2.5193	1.976/.0778	21.46/.845	F810	4358A
		60.013/2.3627	64.008/2.5200				IH
	3	59.987/2.3617	63.990/2.5193	1.976/.0778	27.86/1.097	F810	4359A(F)
		60.013/2.3627	64.008/2.5200				IH
BALANCE							
2BS1403S UNB	1,2	42.060/1.6559	45.360/1.7858		22.60/.890	F23	1403
		42.090/1.6571	45.390/1.7870				



6	Engine	Year	Cyl	Bore x Stroke	6
	167ci (2.7L) V6 DOHC 4v VIN Codes R, T, U	01/1998 - On	V6	86.0mm x 78.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B7170A STD, .25, .50, .75, 1.00		53.492/2.1060	46.493/1.8304	1.486/.0585	17.38/.684	F810	7170A IH
		53.510/2.1067	56.507/2.2247				
MAINS							
4M7172A STD, .25, .50, .75, 1.00	1,2,3,4	63.492/2.4997	68.993/2.7163	2.740/.1079	18.70/.736	F810	7172A UL
		63.510/2.5004	69.010/2.7169				
MAINS <i>This set includes thrustwashers.</i>							
4M7172A+2T STD	1,2,3,4	63.492/2.4997	68.993/2.7163	2.740/.1079	18.70/.736	F810	7172A UL
		63.510/2.5004	69.010/2.7169				
	3	71.100/2.7992	90.190/3.5508	2.06/.081	F817	7172T IH	
1T7172 STD, .25	THRUST	<i>Use in #3 position.</i>			2.06/.081	F817	7172T IH
		71.100/2.7992	90.190/3.5508				
		71.350/2.8090	90.440/3.5606				

7	Engine	Year	Cyl	Bore x Stroke	7
	197ci (3.2L) VIN J (EGW) V6 SOHC 4v	01/1998 - 12/2001	V6	92.0mm x 81.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearings have oil slot. Suits up to 2007.</i>							
6B7310A STD, .25, .50, .75, 1.00		57.978/2.2826	60.993/2.4013	1.486/.0585	16.97/.668	F810	7310A IH
		58.006/2.2837	61.006/2.4018				
MAINS							
4M7182A STD, .25, .50, .75, 1.00	1,2,3,4	63.988/2.5192	68.989/2.7161	2.485/.0978	17.58/.692	F810	7182A UL
		64.013/2.5202	69.009/2.7169				
MAINS <i>This set includes 1 set of thrustwashers 1T7172.</i>							
4M7182A+2T STD, .25, .50, .75, 1.00	1,2,3,4	63.988/2.5192	68.989/2.7161	2.485/.0978	17.58/.692	F810	7182A UL
		64.013/2.5202	69.009/2.7169				
	2	71.100/2.7992	90.190/3.5508	2.06/.081	F817	7172T IH	
1T7172 STD, .25	THRUST	<i>Use in #2 position.</i>			2.06/.081	F817	7172T IH
		71.100/2.7992	90.190/3.5508				
		71.350/2.8090	90.440/3.5606				

8	Engine	Year	Cyl	Bore x Stroke	8
	215ci (3.5L) V6 SOHC 4v (Alum. Block) VIN Codes 4,F,G,K,M,V	01/1999 - 12/2011	V6	96.0mm x 81.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearings have oil slot. Suits up to 2007.</i>							
6B7310A STD, .25, .50, .75, 1.00		57.978/2.2826	60.993/2.4013	1.486/.0585	16.97/.668	F810	7310A IH
		58.006/2.2837	61.006/2.4018				
CONROD <i>Bearings have oil hole. Suits from 2007 on.</i>							
6B7315A STD, .25, .50, .75		57.988/2.2830	60.985/2.4010	1.490/.0587	17.30/.681	F810	7315A IH
		58.013/2.2840	61.010/2.4020				
MAINS							
4M7182A STD, .25, .50, .75, 1.00	1,2,3,4	63.988/2.5192	68.989/2.7161	2.485/.0978	17.58/.692	F810	7182A UL
		64.013/2.5202	69.009/2.7169				
MAINS <i>This set includes 1 set of thrustwashers 1T7172.</i>							
4M7182A+2T STD, .25, .50, .75, 1.00	1,2,3,4	63.988/2.5192	68.989/2.7161	2.485/.0978	17.58/.692	F810	7182A UL
		64.013/2.5202	69.009/2.7169				
	2	71.100/2.7992	90.190/3.5508	2.06/.081	F817	7172T IH	
		71.350/2.8090	90.440/3.5606				



8 Continued ...							8
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

THRUST		<i>Use in #2 position.</i>					
1T7172 STD, .25		71.100/2.7992	90.190/3.5508		2.06/.081	F817	7172T IH
		71.350/2.8090	90.440/3.5606				

9 Engine		Year	Cyl	Bore x Stroke	9
215ci (3.5L) V6 SOHC 4v (C.I. Block)		01/1993 - 12/1997	V6	96.0mm x 81.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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6B1410A STD, .25, .50, .75, 1.00	CONROD	57.988/2.2830	60.993/2.4013	1.483/.0584	16.54/.651	F810	1470A IH
		58.014/2.2840	61.006/2.4018				
4M2010A STD, .25, .50, .75	MAINS						
	1,3,4	63.988/2.5192	67.993/2.6769	1.983/.0781	24.50/.965	F810	7225A UL
		64.013/2.5202	68.014/2.6777				
	2	63.988/2.5192	67.993/2.6769	1.983/.0781	28.70/1.130	F810	7226A(F) UL
		64.013/2.5202	68.014/2.6777				

10 Engine		Year	Cyl	Bore x Stroke	10
201ci (3.3L) VIN 3/G/J/R/S/T/U V6 OHV 2v		01/1990 - 12/2010	V6	93.0mm x 81.0mm	
230ci (3.8L) VIN 1/L/P V6 OHV 2v		01/1991 - 12/2011	V6	96.0mm x 87.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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6B1410A STD, .25, .50, .75, 1.00	CONROD	57.988/2.2830	60.993/2.4013	1.483/.0584	16.54/.651	F810	1470A IH
		58.014/2.2840	61.006/2.4018				
4M7278A STD, .25, .50, .75	MAINS						
	1,3,4	63.988/2.5192	67.993/2.6769	1.983/.0781	17.65/.695	F810	1948A UL
		64.013/2.5202	68.013/2.6777				
	2	63.988/2.5192	67.993/2.6769	1.983/.0781	23.88/.940	F810	7278A(F) UL
		64.013/2.5202	68.013/2.6777				
4C1405BS STD	CAMS						
	1	50.724/1.9970	54.089/2.1295	1.643/.0647	23.75/.935	F23	7220
		50.775/1.9990	54.115/2.1305				
	2	50.292/1.9800	53.683/2.1135	1.659/.0653	15.62/.615	F23	7221
		50.343/1.9820	53.708/2.1145				
	3	49.911/1.9650	53.302/2.0985	1.659/.0653	15.62/.615	F23	7222
		49.962/1.9670	53.327/2.0995				
	4	49.530/1.9500	52.896/2.0825	1.643/.0647	15.62/.615	F23	7223
		49.581/1.9520	52.921/2.0835				

11 Engine		Year	Cyl	Bore x Stroke	11
239ci (3.9L) Magnum V6 OHV 2v		01/1987 - 12/2003	V6	99.3mm x 84.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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6B1387A STD, 010, 020, 030, 040	CONROD	53.950/2.1240	57.150/2.2500	1.584/.0624	18.67/.735	F810	1387A IH
		53.975/2.1250	57.168/2.2507				
4M1701A STD, 010, 020, 030	MAINS						
	1,2	63.487/2.4995	68.390/2.6925	2.436/.0959	22.27/.877	F810	4352A UL
		63.513/2.5005	68.402/2.6930				
	3	63.487/2.4995	68.390/2.6925	2.436/.0959	29.26/1.152	F810	2703A(F) IH
		63.513/2.5005	68.402/2.6930				
	4	63.487/2.4995	68.390/2.6925	2.436/.0959	33.70/1.327	F810	4354A UL
		63.513/2.5005	68.402/2.6930				
4C1114S STD	CAMS						
	1	50.749/1.9980	54.077/2.1290	1.638/.0645	22.35/.880	F23	7353
		50.775/1.9990	54.127/2.1310				
	2	49.962/1.9670	53.670/2.1130	1.638/.0645	16.00/.630	F23	7354
		49.987/1.9680	53.721/2.1150				



11 Continued ... **11**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4C1114S STD	3	49.555/1.9510 49.581/1.9520	53.289/2.0980 53.340/2.1000	1.638/.0645	15.75/.620	F23	7355
	4	39.637/1.5605 39.662/1.5615	42.964/1.6915 43.014/1.6935	1.638/.0645	24.00/.945	F23	7356

12 Engine	Year	Cyl	Bore x Stroke	12
350ci (B Series) V8 OHV 2v	01/1958 - 12/1958	V8	4.06in x 3.38in	
361ci (B Series) V8 OHV 2v	01/1958 - 12/1964	V8	4.13in x 3.38in	
383ci (B Series) V8 OHV 2v	01/1959 - 12/1972	V8	4.25in x 3.38in	
400ci (B Series) V8 OHV 2v	01/1971 - 12/1978	V8	4.34in x 3.38in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
8B527A STD, 010, 020, 030, 040		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.582/.0623	23.12/.910	F780	2466 IH
	<i>Dowel hole in lower half.</i>						
RACE SERIES	CONROD						
8B527HD STD, 010		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.580/.0622	23.12/.910	F781	2466HD UL
	<i>0.001" extra oil clearance on STD journal. Dowel hole in lower half.</i>						
RACE SERIES	CONROD						
8B527HXD STD		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.567/.0617	23.12/.910	F781	2466HDXD UL
	<i>Flange OD is 3.450".</i>						
MAINS							
5M876A STD, 010, 020, 030, 040	1,2,4,5	66.662/2.6245 66.688/2.6255	71.565/2.8175 71.577/2.8180	2.436/.0959	24.10/.949	F810	2467A UL
	3	66.662/2.6245 66.688/2.6255	71.565/2.8175 71.577/2.8180	2.436/.0959	31.09/1.224	F810	2468A(F) UL
	CAMS						
5C876S STD	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/.0645	19.18/.755	F23	7362
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/.0645	19.18/.755	F23	7363
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/.0645	17.12/.674	F23	7364
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	19.18/.755	F23	7365
	5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/.0645	19.18/.755	F23	7366

13 Engine	Year	Cyl	Bore x Stroke	13
383ci (RB Series) V8 OHV 2v	01/1958 - 12/1960	V8	4.03in x 3.75in	
413ci (RB Series) V8 OHV 2v	01/1959 - 12/1977	V8	4.19in x 3.75in	
426ci (RB Series) V8 OHV 2v	01/1963 - 12/1965	V8	4.25in x 3.75in	
440ci (RB Series) V8 OHV 2v	01/1966 - 12/1980	V8	4.32in x 3.75in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
8B527A STD, 010, 020, 030, 040		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.582/.0623	23.12/.910	F780	2466 IH
	<i>Dowel hole in lower half.</i>						
RACE SERIES	CONROD						
8B527HD STD, 010		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.580/.0622	23.12/.910	F781	2466HD UL
	<i>0.001" extra oil clearance on STD journal. Dowel hole in lower half.</i>						
RACE SERIES	CONROD						
8B527HXD STD		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.567/.0617	23.12/.910	F781	2466HDXD UL
	MAINS						
5M877A STD, 010, 020, 030, 040	1,2,4,5	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.436/.0959	23.97/.944	F810	4362A UL
	3	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.436/.0959	31.09/1.224	F810	4363A(F) UL



13 Continued ...							13
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CAMS							
5C876S STD	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/.0645	19.18/.755	F23	7362
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/.0645	19.18/.755	F23	7363
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/.0645	17.12/.674	F23	7364
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	19.18/.755	F23	7365
	5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/.0645	19.18/.755	F23	7366

14 Engine				Year	Cyl	Bore x Stroke	14
8.0L (488ci) V10 OHV 2v Al Block				01/1992 - 12/2003	V10	4.00in x 3.88in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES							
1B481H STD, 001, 010	CONROD	<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.582/.0623	21.52/.847	F781	2700H UL
RACE SERIES							
1B481HX STD	CONROD	<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.569/.0618	21.52/.847	F781	2700HX UL
CONROD							
1B481P STD, 010, 020, 030, 040		<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/.0624	21.52/.847	F780	2700 IH

15 Engine				Year	Cyl	Bore x Stroke	15
8.0L (488ci) V10 OHV 2v C.I. Block				01/1994 - 12/2003	V10	4.00in x 3.88in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES							
1B481H STD, 001, 010	CONROD	<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.582/.0623	21.52/.847	F781	2700H UL
RACE SERIES							
1B481HX STD	CONROD	<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.569/.0618	21.52/.847	F781	2700HX UL
CONROD							
1B481P STD, 010, 020, 030, 040		<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/.0624	21.52/.847	F780	2700 IH
MAINS							
6M2200P Std, 010, 020, 030	1,6	76.187/2.9995 76.213/3.0005	81.089/3.1925 81.102/3.1930	2.435/.0959	25.40/1.000	F780	7317 UL
	2,4,5	76.187/2.9995 76.213/3.0005	81.089/3.1925 81.102/3.1930	2.435/.0959	24.38/.960	F780	7318 UL
	3	76.187/2.9995 76.213/3.0005	81.089/3.1925 81.102/3.1930	2.435/.0959	27.58/1.086	F780	7319(F) UL

16 Engine				Year	Cyl	Bore x Stroke	16
6.4L (392ci) Hemi V8 OHV 2v				01/2011 - On	V8	103.9mm x 94.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B1808A STD, .25, .50		53.993/2.1257 54.008/2.1263	57.206/2.2522 57.219/2.2527	1.590/.0626	20.10/.791	F810	7211A IH
		RACE SERIES					
8B1808H STD, .025, .25	CONROD	53.993/2.1257 54.008/2.1263	57.206/2.2522 57.219/2.2527	1.585/.0624	18.75/.738	F781	7211H UL



16 Continued ... 16

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
8B1808HX STD		53.993/2.1257 54.008/2.1263	57.206/2.2522 57.219/2.2527	1.572/.0619	18.75/.738	F781	7211HX UL
8B1808P STD, .25, .50	CONROD	53.992/2.1257 54.008/2.1263	57.206/2.2522 57.219/2.2527	1.590/.0626	20.10/.791	F780	7211 IH
1T611S STD	THRUST	72.644/2.8600 73.152/2.8800			2.59/.102	F817	7216T UL

17 Engine Year Cyl Bore x Stroke 17

144ci ED3 (2.4L) GEMA Inline4 DOHC 4v 01/2007 - On L4 88.0mm x 97.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7190A STD, .25, .50	CONROD	51.973/2.0462 51.988/2.0468	50.998/2.0078 51.013/2.0084	1.504/.0592	17.52/.690	F810	7190A IH
5M7191A STD, .25, .50	MAINS 1,2,3,4,5	51.973/2.0462 51.986/2.0467	55.999/2.2047 56.017/2.2054	1.999/.0787	18.00/.709	F810	7191A UL
1T7191 STD	THRUST	58.000/2.2835			1.95/.077	F817	7191T UL

Use in position #3.

18 Engine Year Cyl Bore x Stroke 18

241ci (4.0L) V6 SOHC 4v 01/2007 - 12/2012 V6 96.0mm x 91.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B7315A STD, .25, .50, .75	CONROD	<i>Bearings have oil hole. Suits from 2007 on.</i>					
		57.988/2.2830 58.013/2.2840	60.985/2.4010 61.010/2.4020	1.490/.0587	17.30/.681	F810	7315A IH
4M7316A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4			2.485/.0978	18.20/.717	F810	7316A UL
1T7316 STD	THRUST				2.03/.080	F817	7316T

19 Engine Year Cyl Bore x Stroke 19

273ci V8 OHV 2v	01/1964 - 12/1969	V8	3.63in x 3.31in
301ci V8 OHV 2v	01/1956 - 12/1957	V8	3.91in x 3.13in
303ci V8 OHV 2v	01/1958 - 01/1963	V8	3.81in x 3.31in
313ci V8 OHV 2v	01/1958 - 12/1965	V8	3.88in x 3.31in
326ci V8 OHV 2v	01/1959 - 12/1959	V8	3.95in x 3.31in
340ci V8 OHV 2v	01/1968 - 12/1973	V8	4.04in x 3.31in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B481A STD, 010, 020, 030, 040	CONROD	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/.0624	21.52/.847	F810	2700A IH
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
8B481H STD, 001, 010		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.582/.0623	21.52/.847	F781	2700H UL
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
8B481HX STD		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.569/.0618	21.52/.847	F781	2700HX UL
8B481P STD, 010, 020, 030, 040	CONROD	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/.0624	21.52/.847	F780	2700 IH



19 Continued ...								19
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
MAINS								
<i>Flange OD is 3.375". Positions 1,2,3,4 have half groove. Position 5 is full groove.</i>								
5M540A STD, 010, 020, 030, 040	1,2,4	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/.0959	22.27/.877	F810	4352A UL	
	3	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/.0959	29.26/1.152	F810	4353A(F) UL	
	5	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/.0959	33.70/1.327	F810	4354A UL	
	CAMS							
	<i>Same as 4C4636</i>							
5C875S STD	1	50.750/1.9980 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.638/.0645	22.39/.881	F23	4630	
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.651/.0650	19.56/.770	F23	4636	
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.651/.0650	19.21/.756	F23	4637	
	4	49.555/1.9510 49.581/1.9520	52.896/2.0825 52.921/2.0835	1.651/.0650	19.21/.756	F23	4638	
	5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/.0645	24.13/.950	F23	4639	
20 Engine				Year	Cyl	Bore x Stroke	20	
225ci Inline6 OHV 2v				01/1960 - 12/1987	L6	3.40in x 4.13in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
<i>For engines with Cast Crankshafts.</i>								
6B1214A STD, 010, 020, 030, 040		55.537/2.1865 55.563/2.1875	58.738/2.3125 58.750/2.3130	1.585/.0624	18.29/.720	F810	1214A IH	
	CONROD							
<i>For engines with Forged Crankshafts. Same as 6B4601A.</i>								
6B606A STD, 010, 020, 030, 040		55.537/2.1865 55.563/2.1875	58.737/2.3125 58.750/2.3130	1.578/.0621	25.14/.990	F820	4601A IH	
	MAINS							
<i>For engines with Cast Crankshafts.</i>								
4M1419A STD, 010, 020, 030, 040	1,2,4	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.435/.0959	22.40/.882	F810	2724A UL	
	3	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.435/.0959	28.14/1.108	F810	2725A UL	
	MAINS							
<i>For engines with Forged Crankshafts. Standard width flange for all undersizes.</i>								
4M517A STD, 010, 020, 030, 040	1,2,4	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.428/.0956	26.39/1.039	F810	4602A UL	
	3	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.432/.0957	31.88/1.255	F810	4605A(F) UL	
	CAMS							
4C1115S STD	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.625/.0640	19.94/.785	F23	7357	
	2	50.343/1.9820 50.368/1.9830	53.708/2.1145 53.708/2.1145	1.625/.0640	16.00/.630	F23	7358	
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.625/.0640	16.00/.630	F23	7359	
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	19.18/.755	F23	7360	
	CAMS							
<i>Same as 4C874S</i>								
4C4606 STD	1	50.749/1.9980 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.638/.0645	23.62/.930	F23	4606	
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/.0645	19.30/.760	F23	4607	
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/.0645	19.30/.760	F23	4608	
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	19.30/.760	F23	4609	
PISTON PIN BUSH								
RB2134Y			26.340/1.0370 26.390/1.0390		30.50/1.201	F100	RB2134Y	



21	Engine	Year	Cyl	Bore x Stroke	21
	170ci Inline6 OHV 2v	01/1960 - 12/1971	L6	3.40in x 3.13in	
	198ci Inline6 OHV 2v	01/1970 - 12/1974	L6	3.40in x 3.64in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Same as 6B4601A.</i>							
6B606A STD, 010, 020, 030, 040		55.537/2.1865	58.737/2.3125	1.578/.0621	25.14/.990	F820	4601A IH
		55.563/2.1875	58.750/2.3130				
MAINS <i>Standard width flange for all undersizes.</i>							
4M517A STD, 010, 020, 030, 040	1,2,4	69.837/2.7495	74.740/2.9425	2.428/.0956	26.39/1.039	F810	4602A UL
		69.863/2.7505	74.752/2.9430				
	3	69.837/2.7495	74.740/2.9425	2.432/.0957	31.88/1.255	F810	4605A(F) UL
		69.863/2.7505	74.752/2.9430				
CAMS <i>Same as 4C8745</i>							
4C4606 STD	1	50.749/1.9980	54.089/2.1295	1.638/.0645	23.62/.930	F23	4606
		50.775/1.9990	54.115/2.1305				
	2	50.343/1.9820	53.683/2.1135	1.638/.0645	19.30/.760	F23	4607
		50.368/1.9830	53.708/2.1145				
	3	49.962/1.9670	53.302/2.0985	1.638/.0645	19.30/.760	F23	4608
		49.987/1.9680	53.327/2.0995				
	4	49.555/1.9510	52.895/2.0825	1.638/.0645	19.30/.760	F23	4609
		49.581/1.9520	52.921/2.0835				
PISTON PIN BUSH							
RB2134Y			26.340/1.0370 26.390/1.0390		30.50/1.201	F100	RB2134Y

22	Engine	Year	Cyl	Bore x Stroke	22
	215ci Inline6 OHV 2v	01/1970 - 12/1975	L6	3.52in x 3.68in	
	245ci Inline6 OHV 2v	01/1970 - 06/1980	L6	3.76in x 3.68in	
	265ci Inline6 OHV 2v	01/1970 - 12/1981	L6	3.91in x 3.68in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2430P STD, 010, 020, 030		50.775/1.9990	53.980/2.1252	1.576/.0620	20.82/.820	F780	2430 IH
		50.800/2.0000	53.993/2.1257				
MAINS							
7M4644A STD, 010, 020, 030	1,2,3,4,5,7	63.487/2.4995	68.390/2.6925	2.428/.0956	20.95/.825	F820	4644AL UL
		63.513/2.5005	68.402/2.6930				
	6	63.487/2.4995	68.390/2.6925	2.426/.0955	26.62/1.048	F820	4645AL(F) UL
		63.513/2.5005	68.402/2.6930				
CAMS							
4C4646 STD, SF	1	50.749/1.9980	54.089/2.1295	1.638/.0645	19.30/.760	F23	4646
		50.775/1.9990	54.115/2.1305				
	2	50.343/1.9820	53.683/2.1135	1.638/.0645	19.30/.760	F23	4607
		50.368/1.9830	53.708/2.1145				
	3	49.962/1.9670	53.302/2.0985	1.638/.0645	19.30/.760	F23	4608
		49.987/1.9680	53.327/2.0995				
	4	49.555/1.9510	52.895/2.0825	1.638/.0645	19.30/.760	F23	4609
		49.581/1.9520	52.921/2.0835				

23	Engine	Year	Cyl	Bore x Stroke	23
	4.7L (287ci) PowerTech V8 SOHC 2v	06/1999 - On	V8	93.0mm x 86.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearings do not have notches.</i>							
8B7206A STD, .25, .50, .75		50.996/2.0077	53.992/2.1257	1.491/.0587	16.64/.655	F810	7206A IH
		51.003/2.0080	54.005/2.1262				
CONROD <i>Bearing contains a notch.</i>							
8B7210A STD, .25, .50, .75, 1.00		50.996/2.0077	53.992/2.1257	1.491/.0587	16.64/.655	F810	7210A IH
		51.003/2.0080	54.005/2.1262				



23 Continued ...							23	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD .002" <i>oversize OD version of 8B7210A.</i>								
8B7210AO/S2 STD, .25, .50, .75, 1.00		50.996/2.0077	54.042/2.1276	1.641/.0646	16.64/.655	F810	9092A	
		51.003/2.0080	54.055/2.1281				IH	
5M7214A STD, .25, .50, .75, 1.00	1,2,3,4,5	63.495/2.4998	68.395/2.6927	2.443/.0962	20.63/.812	F810	7214A	
		63.505/2.5002	68.405/2.6931				UL	
5M7214A+2T STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>Set includes 1 set of thrustwashers 1T7214</i>				2.54/.100	F817	7214T
		71.000/2.7953	91.000/3.5827					
	1,2,3,4,5	71.250/2.8051	91.250/3.5925	2.443/.0962	20.63/.812	F810	7214A	
		63.495/2.4998	68.395/2.6927					
1T7214 STD	THRUST	71.000/2.7953	91.000/3.5827		2.54/.100	F817	7214T	
		71.250/2.8051	91.250/3.5925				UL	
5C5170A Std, .25	1	<i>Cam tower repair inserts.</i>						
		25.975/1.0226	29.119/1.1464	1.562/.0615	20.00/.787	F810	5172A	
	1,2,3,4,5	25.995/1.0234	29.144/1.1474	1.562/.0615	14.70/.579	F810	5171A	
		25.975/1.0226	29.119/1.1464					
		25.995/1.0234	29.144/1.1474					
2,3,4,5	25.975/1.0226	29.119/1.1464	1.562/.0615	14.70/.579	F810	5170A		
	25.995/1.0234	29.144/1.1474						

24 Engine	Year	Cyl	Bore x Stroke	24
122ci (2.0L) Inline4 DOHC 4v <i>VIN Code Y</i>	01/1995 - 11/2004	L4	87.5mm x 83.0mm	
122ci (2.0L) S4RE Inline4 SOHC 4v <i>VIN Code C, F</i>	01/1995 - 12/2005	L4	87.5mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1635A STD, .25, .50, .75, 1.00	CONROD	47.991/1.8894	50.991/2.0075	1.490/.0587	20.50/.807	F810	7171A
		48.006/1.8900	51.006/2.0081				IH
5M2028A STD, .25, .50, .75	1,2,4,5	<i>For engines from 1996 on.</i>					
		51.991/2.0469	55.997/2.2046	1.986/.0782	19.96/.786	F810	4342A
	3	52.007/2.0475	56.007/2.2050				UL
5M4372A STD, .25, .50, .75	1,2,4,5	<i>For 1995 engines only.</i>					
		51.991/2.0469	55.997/2.2046	1.986/.0782	19.96/.786	F810	4372A
	1,2,4,5	52.007/2.0475	56.007/2.2050	1.986/.0782	19.96/.786	F810	4342A
		51.991/2.0469	55.997/2.2046				
		52.007/2.0475	56.007/2.2050				
	3	51.991/2.0469	55.997/2.2046	1.986/.0782	26.26/1.034	F810	4343A(F)
		52.007/2.0475	56.007/2.2050				U
3	51.991/2.0469	55.997/2.2046	1.986/.0782	26.26/1.034	F810	4373A(F)	
	52.007/2.0475	56.007/2.2050				L	

25 Engine	Year	Cyl	Bore x Stroke	25
318ci V8 OHV 2v	01/1957 - 12/2003	V8	3.91in x 3.31in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B481A STD, 010, 020, 030, 040	CONROD	53.950/2.1240	57.150/2.2500	1.585/.0624	21.52/.847	F810	2700A
		53.975/2.1250	57.163/2.2505				IH
RACE SERIES 8B481H STD, 001, 010	CONROD	53.950/2.1240	57.150/2.2500	1.582/.0623	21.52/.847	F781	2700H
		53.975/2.1250	57.163/2.2505				UL



25		Continued ...						25
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES		CONROD						
<i>0.001" extra oil clearance on STD journal.</i>								
8B481HX STD		53.950/2.1240	57.150/2.2500	1.569/.0618	21.52/.847	F781	2700HX	
		53.975/2.1250	57.163/2.2505				UL	
8B481P STD, 010, 020, 030, 040		53.950/2.1240	57.150/2.2500	1.585/.0624	21.52/.847	F780	2700	
		53.975/2.1250	57.163/2.2505				IH	
5M1344A STD, 01, 10, 20, 30, 40		MAINS						
<i>Flange OD is 3.530". Position 1,2,3,4 have half groove. Position 5 is full groove.</i>								
	1,2,4	63.487/2.4995	68.390/2.6925	2.436/.0959	22.27/.877	F810	4352A	
		63.513/2.5005	68.402/2.6930				UL	
	3	63.487/2.4995	68.390/2.6925	2.436/.0959	29.26/1.152	F810	4357A(F)	
		63.513/2.5005	68.402/2.6930				L	
	3	63.487/2.4995	68.390/2.6925	2.436/.0959	29.26/1.152	F810	2703A(F)	
	5	63.487/2.4995	68.402/2.6930	2.436/.0959	33.70/1.327	F810	4354A	
		63.513/2.5005	68.402/2.6930				UL	
5M540A STD, 010, 020, 030, 040		MAINS						
<i>Flange OD is 3.375". Positions 1,2,3,4 have half groove. Position 5 is full groove.</i>								
	1,2,4	63.487/2.4995	68.390/2.6925	2.436/.0959	22.27/.877	F810	4352A	
		63.513/2.5005	68.402/2.6930				UL	
	3	63.487/2.4995	68.390/2.6925	2.436/.0959	29.26/1.152	F810	4353A(F)	
		63.513/2.5005	68.402/2.6930				UL	
	5	63.487/2.4995	68.390/2.6925	2.436/.0959	33.70/1.327	F810	4354A	
		63.513/2.5005	68.402/2.6930				UL	
5C1112S STD		CAMS						
	1	50.750/1.9980	54.089/2.1295	1.638/.0645	22.39/.881	F23	4630	
		50.775/1.9990	54.115/2.1305					
	2	50.343/1.9820	53.683/2.1135	1.638/.0645	16.00/.630	F23	4667	
		50.368/1.9830	53.708/2.1145					
	3	49.962/1.9670	53.302/2.0985	1.638/.0645	15.75/.620	F23	4668	
		49.987/1.9680	53.327/2.0995					
	4	49.555/1.9510	52.895/2.0825	1.638/.0645	15.75/.620	F23	4669	
		49.581/1.9520	52.921/2.0835					
	5	39.637/1.5605	42.977/1.6920	1.638/.0645	24.13/.950	F23	4639	
		39.662/1.5615	43.002/1.6930					
5C875S STD		CAMS						
<i>Same as 4C4636</i>								
	1	50.750/1.9980	54.089/2.1295	1.638/.0645	22.39/.881	F23	4630	
		50.775/1.9990	54.115/2.1305					
	2	50.343/1.9820	53.683/2.1135	1.651/.0650	19.56/.770	F23	4636	
		50.368/1.9830	53.708/2.1145					
	3	49.962/1.9670	53.302/2.0985	1.651/.0650	19.21/.756	F23	4637	
		49.987/1.9680	53.327/2.0995					
	4	49.555/1.9510	52.896/2.0825	1.651/.0650	19.21/.756	F23	4638	
		49.581/1.9520	52.921/2.0835					
	5	39.637/1.5605	42.977/1.6920	1.638/.0645	24.13/.950	F23	4639	
		39.662/1.5615	43.002/1.6930					

26		Engine	Year	Cyl	Bore x Stroke	26	
		360ci V8 OHV 2v	01/1971 - 12/2003	V8	4.00in x 3.58in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B481A STD, 010, 020, 030, 040		CONROD					
		53.950/2.1240	57.150/2.2500	1.585/.0624	21.52/.847	F810	2700A
		53.975/2.1250	57.163/2.2505				IH
RACE SERIES		CONROD					
8B481H STD, 001, 010		53.950/2.1240	57.150/2.2500	1.582/.0623	21.52/.847	F781	2700H
		53.975/2.1250	57.163/2.2505				UL
RACE SERIES		CONROD					
<i>0.001" extra oil clearance on STD journal.</i>							
8B481HX STD		53.950/2.1240	57.150/2.2500	1.569/.0618	21.52/.847	F781	2700HX
		53.975/2.1250	57.163/2.2505				UL



26		Continued ...						26
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
8B481P STD, 010, 020, 030, 040	CONROD							
		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/.0624	21.52/.847	F780	2700 IH	
5M1051A STD, 010, 020, 030, 040	MAINS <i>Flange OD is 3.680"</i>							
	1,2,4	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	22.28/.877	F810	2707A UL	
	3	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	29.26/1.152	F810	2708A(F) UL	
	5	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	31.98/1.259	F810	2709A UL	
	MAINS <i>Flange OD is 3.910"</i>							
5M1266A STD, 001, 010, 020, 030	1,2,4	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	22.28/.877	F810	2705A IH	
	3	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	29.26/1.152	F810	2706A(F) IH	
	5	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	31.98/1.259	F810	2709A UL	
	MAINS <i>Overwidth flange version of 5M1266P. Flanges are Std+010" wide.</i>							
	5M2715A 010, 020, 030, 040	1,2,4	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	22.28/.877	F810	2705A IH
3		71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.558/.1007	29.51/1.162	F810	2715A(F) IH	
5		71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	31.98/1.259	F810	2709A UL	
CAMS								
5C1112S STD		1	50.750/1.9980 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.638/.0645	22.39/.881	F23	4630
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/.0645	16.00/.630	F23	4667	
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/.0645	15.75/.620	F23	4668	
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	15.75/.620	F23	4669	
	5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/.0645	24.13/.950	F23	4639	
	CAMS <i>Same as 4C4636</i>							
	5C875S STD	1	50.750/1.9980 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.638/.0645	22.39/.881	F23	4630
		2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.651/.0650	19.56/.770	F23	4636
		3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.651/.0650	19.21/.756	F23	4637
		4	49.555/1.9510 49.581/1.9520	52.896/2.0825 52.921/2.0835	1.651/.0650	19.21/.756	F23	4638
5		39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/.0645	24.13/.950	F23	4639	
CAMS								

27		Engine			Year	Cyl	Bore x Stroke	27
		426ci Hemi V8 OHV 2v			01/1964 - 12/1971	V8	4.25in x 3.75in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
8B527A STD, 010, 020, 030, 040	CONROD							
		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.582/.0623	23.12/.910	F780	2466 IH	
RACE SERIES 8B527HD STD, 010	CONROD <i>Dowel hole in lower half.</i>							
		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.580/.0622	23.12/.910	F781	2466HD UL	
RACE SERIES 8B527HxD STD	CONROD <i>0.001" extra oil clearance on STD journal. Dowel hole in lower half.</i>							
		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.567/.0617	23.12/.910	F781	2466HxD UL	



27		Continued ...						27
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5C876S STD	CAMS							
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/.0645	19.18/.755	F23	7362	
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/.0645	19.18/.755	F23	7363	
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/.0645	17.12/.674	F23	7364	
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	19.18/.755	F23	7365	
	5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/.0645	19.18/.755	F23	7366	



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
E1A 1118cc Inline4	10/1984 - 12/1996	L4	1118	68	5
G1A 1294cc Inline4	07/1987 - 05/1988	L4	1294	78	5
8HR (DV4C) 1398cc Inline4 SOHC 2v Turbo Diesel	11/2009 - On	L4	1398	85	4
8HS (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2008 - On	L4	1398	85	4
8HS (DV4TED) 1398cc Inline4 SOHC 2v Turbo Diesel	08/2008 - On	L4	1398	85	4
8HT (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	1398	85	4
8HX (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2002 - On	L4	1398	85	4
8HY (DV4TED4) 1398cc Inline4 DOHC 4v Turbo Diesel	02/2002 - On	L4	1398	85	4
8HZ (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	11/2009 - On	L4	1398	85	4
DV4D 1398cc Inline4 SOHC 2v Diesel	06/2005 - On	L4	1398	85	4
CRD90 2175cc Inline4 2v Diesel	09/1973 - 12/1979	L4	2175	132	2
M22-621 2175cc Inline4 2v Diesel	10/1975 - 02/1979	L4	2175	132	2
B25-637 2499cc Inline4 2v Diesel	02/1980 - 01/1994	L4	2499	152	1
CRD93B 2499cc Inline4 2v Diesel	11/1979 - 10/1990	L4	2499	152	1
CRD93L (U25-661) 2499cc Inline4 2v Diesel	11/1981 - 02/1994	L4	2499	152	1
CRD93LS (U25-673) 2499cc Inline4 2v Turbo Diesel	01/1987 - 02/1994	L4	2499	152	3
M25-629 2499cc Inline4 2v Diesel	02/1978 - 08/1985	L4	2499	152	1
M25-637 2499cc Inline4 2v Diesel	01/1980 - 12/1992	L4	2499	152	1
M25-648 2499cc Inline4 2v Turbo Diesel	04/1983 - 12/1986	L4	2499	152	3
M25-660 2499cc Inline4 2v Diesel	08/1985 - 12/1992	L4	2499	152	1
M25-661 2499cc Inline4 2v Diesel	02/1978 - 10/1990	L4	2499	152	1
M25-669 2499cc Inline4 2v Turbo Diesel	01/1987 - 12/1992	L4	2499	152	3

1	Engine	Year	Cyl	Bore x Stroke	1
	B25-637 2499cc Inline4 2v Diesel	02/1980 - 01/1994	L4	93.0mm x 92.0mm	
	CRD93B 2499cc Inline4 2v Diesel	11/1979 - 10/1990	L4	93.0mm x 92.0mm	
	CRD93L (U25-661) 2499cc Inline4 2v Diesel	11/1981 - 02/1994	L4	93.0mm x 92.0mm	
	M25-629 2499cc Inline4 2v Diesel	02/1978 - 08/1985	L4	93.0mm x 92.0mm	
	M25-637 2499cc Inline4 2v Diesel	01/1980 - 12/1992	L4	93.0mm x 92.0mm	
	M25-660 2499cc Inline4 2v Diesel	08/1985 - 12/1992	L4	93.0mm x 92.0mm	
	M25-661 2499cc Inline4 2v Diesel	02/1978 - 10/1990	L4	93.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B3062A STD, .25, .50		53.990/2.1256 54.005/2.1262	57.675/2.2707 57.685/2.2711	1.826/.0719	24.50/.965	F810	3062A UL
	MAINS						
5M3064A STD, .25, .50	1,2,3,4,5	67.035/2.6392 67.050/2.6398	71.695/2.8226 71.705/2.8230	2.317/.0912	28.70/1.130	F810	3064A IH
	THRUST						
2T3064A STD		75.500/2.9724 75.750/2.9823	89.000/3.5039 89.100/3.5079		3.14/.124	F817	3064T UL
	THRUST						
2T3065A STD					3.14/.124	F817	3065T UL
	PISTON PIN BUSH						
RB4165		30.008/1.1814 30.014/1.1817	33.000/1.2992 33.033/1.3005		31.90/1.256	F100	RB4165

2	Engine	Year	Cyl	Bore x Stroke	2
	CRD90 2175cc Inline4 2v Diesel	09/1973 - 12/1979	L4	90.0mm x 85.5mm	
	M22-621 2175cc Inline4 2v Diesel	10/1975 - 02/1979	L4	90.0mm x 85.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B3062A STD, .25, .50		53.990/2.1256 54.005/2.1262	57.675/2.2707 57.685/2.2711	1.826/.0719	24.50/.965	F810	3062A UL
	PISTON PIN BUSH						
RB4165		30.008/1.1814 30.014/1.1817	33.000/1.2992 33.033/1.3005		31.90/1.256	F100	RB4165

3	Engine	Year	Cyl	Bore x Stroke	3
	CRD93LS (U25-673) 2499cc Inline4 2v Turbo Diesel	01/1987 - 02/1994	L4	93.0mm x 92.0mm	
	M25-648 2499cc Inline4 2v Turbo Diesel	04/1983 - 12/1986	L4	93.0mm x 92.0mm	
	M25-669 2499cc Inline4 2v Turbo Diesel	01/1987 - 12/1992	L4	93.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	MAINS						
5M3064A STD, .25, .50	1,2,3,4,5	67.035/2.6392 67.050/2.6398	71.695/2.8226 71.705/2.8230	2.317/.0912	28.70/1.130	F810	3064A IH
	THRUST						
2T3064A STD		75.500/2.9724 75.750/2.9823	89.000/3.5039 89.100/3.5079		3.14/.124	F817	3064T UL



4	Engine	Year	Cyl	Bore x Stroke	4
	8HR (DV4C) 1398cc Inline4 SOHC 2v Turbo Diesel	11/2009 - On	L4	73.7mm x 82.0mm	
	8HS (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2008 - On	L4	73.7mm x 82.0mm	
	8HS (DV4TED) 1398cc Inline4 SOHC 2v Turbo Diesel	08/2008 - On	L4	73.7mm x 82.0mm	
	8HT (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	73.7mm x 82.0mm	
	8HX (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2002 - On	L4	73.7mm x 82.0mm	
	8HY (DV4TED4) 1398cc Inline4 DOHC 4v Turbo Diesel	02/2002 - On	L4	73.7mm x 82.0mm	
	8HZ (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	11/2009 - On	L4	73.7mm x 82.0mm	
	DV4D 1398cc Inline4 SOHC 2v Diesel	06/2005 - On	L4	73.7mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7770P STD, .30		44.975/1.7707	48.665/1.9159	1.820/.0717	17.05/.671	F780	7770
		44.991/1.7713	48.671/1.9162				U
		44.975/1.7707	48.665/1.9159	1.820/.0717	17.05/.671	F810	7770A
		44.991/1.7713	48.671/1.9162				L
MAINS							
5M7772A STD, .30, .50	1,2,3,4,5	49.962/1.9670	53.655/2.1124	1.833/.0722	20.40/.803	F780	7772
		49.981/1.9678	53.674/2.1131				U
	1,2,3,4,5	49.962/1.9670	53.655/2.1124	1.833/.0722	19.90/.784	F780	7773
		49.981/1.9678	53.674/2.1131				L
THRUST							
1T7772 STD		55.200/2.1732	71.350/2.8090		2.46/.097	F817	7772T
		55.480/2.1842	71.700/2.8228				IH
PISTON PIN BUSH							
RB4166 UNB		24.995/.9841	28.000/1.1024		19.98/.787	F100	RB4166
		25.000/.9843	28.021/1.1032				

5	Engine	Year	Cyl	Bore x Stroke	5
	E1A 1118cc Inline4	10/1984 - 12/1996	L4	72.0mm x 69.0mm	
	G1A 1294cc Inline4	07/1987 - 05/1988	L4	76.7mm x 70.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7767A STD, .20, .50		40.959/1.6126	44.005/1.7325	1.509/.0594	19.24/.758	F810	7767A
		40.967/1.6129	44.013/1.7328				IH
MAINS							
5M7768A STD	1,5	51.966/2.0459	55.882/2.2001	1.924/.0757	18.68/.735	F810	7768A
		51.976/2.0463	55.892/2.2005				UL
	2,4	51.966/2.0459	55.882/2.2001	1.924/.0757	18.68/.735	F810	7769A
		51.976/2.0463	55.892/2.2005				IH
	3	51.966/2.0459	55.882/2.2001	1.924/.0757	24.68/.972	F810	7774A
		51.976/2.0463	55.892/2.2005				UL
THRUST							
1T7768 STD		56.900/2.2402	74.000/2.9134		2.36/.093	F817	7768T
		57.150/2.2500	74.250/2.9232				UL

Commer



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
1725cc Inline4 OHV 2v	01/1955 - 01/1974	L4	1725	105	1



1	Engine	Year	Cyl	Bore x Stroke	1		
	1725cc Inline4 OHV 2v	01/1955 - 01/1974	L4	81.5mm x 82.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B1531A STD, 010, 020, 030, 040, 050		53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.835/.0722	19.17/.755	F820	1531AL IH
	MAINS						
5M6162 STD, 010, 020, 030, 040, 050	1,3,5	60.300/2.3740 60.312/2.3745	64.000/2.5197 64.021/2.5205	1.835/.0722	35.05/1.380	F23	6162 IH
	2,4	60.300/2.3740 60.312/2.3745	64.000/2.5197 64.021/2.5205	1.835/.0722	19.30/.760	F23	6163 IH
	THRUST						
1T6162 STD, 005		65.790/2.5902 66.040/2.6000	83.110/3.2720 83.360/3.2819		2.36/.093	F250	6162T IH
	CAMS						
3C6126 STD	1,2,3	44.374/1.7470 44.392/1.7477	47.701/1.8780 47.727/1.8790	1.638/.0645	25.40/1.000	F23	6126
	PISTON PIN BUSH						
RB896		23.810/.9374 23.818/.9377	26.975/1.0620 26.987/1.0625	1.760/.0693	25.40/1.000	F100	RB896

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
F8CV 796cc Inline3 OHV 2v	10/1999 - 12/2004	L3	796	48	5
1.0L S-TEC Inline4 SOHC 2v	01/2000 - On	L4	995	60	3
A15MF 1498cc Inline4 DOHC 4v	01/1995 - 06/1998	L4	1498	91	4
A15SMS 1498cc Inline4 SOHC 2v	01/1997 - 12/2003	L4	1498	91	4
G15MF 1498cc Inline4 SOHC 2v	01/1994 - 04/1998	L4	1498	91	4
A16DMS 1598cc Inline4 DOHC 4v	07/1997 - 10/2003	L4	1598	97	4
C16LZ2 1598cc Inline4 SOHC 2v	01/1989 - On	L4	1598	97	4
C20LE 1998cc Inline4 SOHC 2v	03/1995 - 08/1997	L4	1998	121	2
C20SED 1998cc Inline4 DOHC 4v	08/1997 - 04/1999	L4	1998	121	2
T22SED 2198cc Inline4 DOHC 4v	04/1999 - 12/2002	L4	2198	134	1



1 Engine		Year	Cyl	Bore x Stroke	1		
T22SED 2198cc Inline4 DOHC 4v		04/1999 - 12/2002	L4	86.0mm x 94.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
4B2322A STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A
		48.987/1.9286	52.012/2.0477				UL
RACE SERIES							
4B2322H STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				UL
RACE SERIES							
4B2322HX STD		0.001" extra oil clearance on STD journal.					
		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
MAINS <i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have 2 oil holes.</i>							
5M2325A STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.974/2.2824	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2325A(F)
		57.995/2.2833	62.013/2.4415				IH

2 Engine		Year	Cyl	Bore x Stroke	2		
C20LE 1998cc Inline4 SOHC 2v		03/1995 - 08/1997	L4	86.0mm x 86.0mm			
C20SED 1998cc Inline4 DOHC 4v		08/1997 - 04/1999	L4	86.0mm x 86.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
4B2322A STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A
		48.987/1.9286	52.012/2.0477				UL
RACE SERIES							
4B2322H STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				UL
RACE SERIES							
4B2322HX STD		0.001" extra oil clearance on STD journal.					
		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
MAINS <i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>							
5M2293A STD, .25, .50	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F820	2293AL
		57.995/2.2833	62.013/2.4415				UL
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F820	2294AL
		57.995/2.2833	62.013/2.4415				UL
MAINS <i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>							
5M2327A STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F)
		57.995/2.2833	62.013/2.4415				IH
MAINS <i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>							
5M2329A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2329A(F)
		57.995/2.2833	62.013/2.4415				IH

3 Engine		Year	Cyl	Bore x Stroke	3		
1.0L S-TEC Inline4 SOHC 2v		01/2000 - On	L4	68.5mm x 67.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD = 4B8341A							
4B1266A STD, .25, .50, .75, 1.00		37.982/1.4954	40.998/1.6141	1.490/.0587	18.00/.709	F810	1266A
		38.000/1.4961	41.017/1.6148				IH

3 Continued ... **3**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1267A STD, .25, .50, .75, 1.00	MAINS						
	1,2,3,4,5	43.982/1.7316 44.000/1.7323	47.998/1.8897 48.018/1.8905	1.993/.0785	17.13/.674	F810	1267A IH
1T8337 STD	THRUST						
		52.000/2.0472 52.250/2.0571	67.700/2.6653 67.900/2.6732		2.52/.099	F250	8337T IH

4 Engine **4**

Engine	Year	Cyl	Bore x Stroke
A15MF 1498cc Inline4 DOHC 4v	01/1995 - 06/1998	L4	76.0mm x 81.5mm
A15SMS 1498cc Inline4 SOHC 2v	01/1997 - 12/2003	L4	76.5mm x 81.5mm
A16DMS 1598cc Inline4 DOHC 4v	07/1997 - 10/2003	L4	79.0mm x 81.5mm
C16LZ2 1598cc Inline4 SOHC 2v	01/1989 - On	L4	79.0mm x 81.5mm
G15MF 1498cc Inline4 SOHC 2v	01/1994 - 04/1998	L4	76.5mm x 81.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B1350A STD, .25, .50, .75, 1.00	CONROD	<i>Oil hole in upper and lower shell. Supercedes 4B1340 and 4B1345. Was 4B1451AL.</i>					
		42.971/1.6918 42.987/1.6924	46.000/1.8110 46.013/1.8115	1.497/.0589	16.63/.655	F810	1350A IH
5M1338A STD, .25, .50, .75, 1.00, 1.25	MAINS	<i>Overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.20mm, 0.50/0.75/1.00/1.25/1.50mm=Std+0.40mm. Was 5M1801A.</i>					
	1,2,4,5	54.972/2.1642 54.985/2.1648	59.000/2.3228 59.013/2.3233	2.001/.0788	19.50/.768	F810	1338A IH
	3	54.972/2.1642 54.985/2.1648	59.000/2.3228 59.013/2.3233	2.001/.0788	25.90/1.020	F810	1339A(F) IH

5 Engine **5**

Engine	Year	Cyl	Bore x Stroke
F8CV 796cc Inline3 OHV 2v	10/1999 - 12/2004	L3	68.5mm x 72.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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3B1266A STD, .25, .50, .75, 1.00	CONROD	<i>= 3B8341A</i>					
		37.982/1.4954 38.000/1.4961	40.998/1.6141 41.017/1.6148	1.490/.0587	18.00/.709	F810	1266A IH
4M1267A STD, .25, .50, .75, 1.00	MAINS						
	1,2,3,4	43.982/1.7316 44.000/1.7323	47.998/1.8897 48.018/1.8905	1.993/.0785	17.13/.674	F810	1267A IH
1T8337 STD	THRUST						
		52.000/2.0472 52.250/2.0571	67.700/2.6653 67.900/2.6732		2.52/.099	F250	8337T IH



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AB 547cc Inline2 SOHC 2v	04/1976 - 10/1988	L2	547	33	5
EB 547cc Inline3 SOHC 2v	08/1985 - 07/1990	L3	547	33	9
AD 617cc Inline2 SOHC 2v	05/1982 - 05/1985	L2	617	37	5
EF 659cc Inline3 SOHC/DOHC 2v/4v	03/1990 - 12/2007	L3	659	40	9
CD 843cc Inline3 SOHC 2v	05/1982 - 05/1998	L3	843	51	6
ED-10 846cc Inline3 SOHC 2v	01/1985 - On	L3	846	51	4
FE 958cc Inline4 OHV 2v	01/1964 - 12/1977	L4	958	58	10
EJ 989cc Inline3 DOHC 4v	02/1998 - On	L3	989	60	4
CB 993cc Inline3 SOHC 2v	01/1977 - 01/1997	L3	993	60	6
CB-T 993cc Inline3 SOHC/DOHC 2v/4v Turbo	08/1984 - 05/1993	L3	993	60	13
CL 993cc Inline3 SOHC 2v Diesel	01/1983 - 12/1992	L3	993	60	7
CL-T 993cc Inline3 SOHC 2v Turbo Diesel	08/1984 - 01/1993	L3	993	60	1
HC-E 1295cc Inline4 SOHC 4v	01/1988 - 11/2000	L4	1295	79	12
K3-VE 1297cc Inline4 DOHC 4v	05/2000 - On	L4	1297	79	2
K3-VET 1297cc Inline4 DOHC 4v Turbo	01/2002 - On	L4	1297	79	2
3SZ-VE 1495cc Inline4 DOHC 4v	11/2005 - On	L4	1495	91	3
HD-E 1589cc Inline4 SOHC 4v	01/1988 - 02/2000	L4	1589	96	12
DG 2530cc Inline4 OHV 2v Diesel	01/1965 - 04/1984	L4	2530	154	11
DL 2765cc Inline4 OHV 2v Diesel	10/1982 - 04/1999	L4	2765	168	14
DL-T 2765cc Inline4 SOHC 2v Turbo Diesel	04/1984 - 01/2000	L4	2765	168	8

1 Engine		Year		Cyl	Bore x Stroke		1
CL-T 993cc Inline3 SOHC 2v Turbo Diesel		08/1984 - 01/1993		L3	76.0mm x 73.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
3B8023A STD			48.000/1.8898 48.020/1.8905	1.494/.0588	20.10/.791	F810	8023A IH
MAINS							
4M8025A STD, .25, .50, .75	1,2,3,4		52.004/2.0474 52.200/2.0551	1.994/.0785	17.10/.673	F810	8025A UL
THRUST							
1T8025 STD			1727.200/68.000 0		1.99/.078	F817	8025T UL
BALANCE							
2BS8453 STD, .25, .50, .75, 1.00, 1.25	1	44.950/1.7697 44.975/1.7707	48.000/1.8898 48.025/1.8907	1.500/.0591	17.00/.669	F820	8452
	2	33.950/1.3366 33.975/1.3376	37.000/1.4567 37.025/1.4577	1.500/.0591	20.00/.787	F820	8453
2 Engine		Year		Cyl	Bore x Stroke		2
K3-VE 1297cc Inline4 DOHC 4v K3-VET 1297cc Inline4 DOHC 4v Turbo		05/2000 - On 01/2002 - On		L4 L4	72.0mm x 79.7mm 72.0mm x 79.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8425A STD			43.000/1.6929 43.020/1.6937	1.492/.0587	13.20/.520	F810	8425A IH
MAINS							
5M8426A STD	1,2,3,4,5			1.992/.0784	14.90/.587	F810	8426A UL
THRUST							
1T8126 STD		52.250/2.0571 52.500/2.0669	62.750/2.4705 63.000/2.4803		1.99/.078	F817	8126T IH
3 Engine		Year		Cyl	Bore x Stroke		3
3S2-VE 1495cc Inline4 DOHC 4v		11/2005 - On		L4	72.0mm x 91.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8436A STD, .25, .50, .75			45.000/1.7717 45.020/1.7724	1.492/.0587	13.00/.512	F810	8436A IH
MAINS							
5M8438A STD, .25, .50, .75, 1.00	1,2,3,4,5	45.989/1.8106 46.000/1.8110	50.000/1.9685 50.018/1.9692	1.992/.0784	14.90/.587	F810	8438A UL
THRUST							
1T8438 STD						F817	8438T U
4 Engine		Year		Cyl	Bore x Stroke		4
ED-10 846cc Inline3 SOHC 2v EJ 989cc Inline3 DOHC 4v		01/1985 - On 02/1998 - On		L3 L3	66.6mm x 81.0mm 72.0mm x 81.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
3B8120A STD, .25, .50, .75, 1.00, 1.25		39.985/1.5742 40.000/1.5748	43.000/1.6929 43.024/1.6939	1.494/.0588	16.00/.630	F810	8120A IH
MAINS							
4M8126A STD, .25, .50, .75, 1.00	1,2,3,4	45.985/1.8104 46.000/1.8110	50.000/1.9685 50.020/1.9693	1.994/.0785	16.00/.630	F810	8126A UL
THRUST							
1T8126 STD		52.250/2.0571 52.500/2.0669	62.750/2.4705 63.000/2.4803		1.99/.078	F817	8126T IH



5	Engine	Year	Cyl	Bore x Stroke	5
	AB 547cc Inline2 SOHC 2v	04/1976 - 10/1988	L2	71.6mm x 76.0mm	
	AD 617cc Inline2 SOHC 2v	05/1982 - 05/1985	L2	76.0mm x 68.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
2B8010A STD, .25, .50, .75, 1.00		39.975/1.5738	43.000/1.6929	1.490/.0587	18.00/.709	F810	8010A
		40.000/1.5748	43.024/1.6939				IH
MAINS							
3M8011A STD, .25, .50, .75, 1.00	1-3	41.975/1.6526	46.000/1.8110	1.990/.0783	19.50/.768	F810	8011A
		42.000/1.6535	46.024/1.8120				IH
MAINS							
3M8015A STD, .25, .50, .75, 1.00	1-3	41.975/1.6526	46.000/1.8110	1.990/.0783	19.50/.768	F810	8015A
		42.000/1.6535	46.024/1.8120				UL
THRUST							
1T8011 STD		47.750/1.8799	61.750/2.4311		1.98/.078	F817	8011T
		48.000/1.8898	62.000/2.4409				IH
BALANCE							
4BS8452 STD, .25, .50, .75, 1.00, 1.25	1	44.950/1.7697	48.000/1.8898	1.500/.0591	17.00/.669	F820	8452
		44.975/1.7707	48.025/1.8907				
	2	33.950/1.3366	37.000/1.4567	1.500/.0591	20.00/.787	F820	8453
		33.975/1.3376	37.025/1.4577				

6	Engine	Year	Cyl	Bore x Stroke	6
	CB 993cc Inline3 SOHC 2v	01/1977 - 01/1997	L3	76.0mm x 73.0mm	
	CD 843cc Inline3 SOHC 2v	05/1982 - 05/1998	L3	70.0mm x 73.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
3B8010A STD, .25, .50, .75, 1.00, 1.25		39.975/1.5738	43.000/1.6929	1.490/.0587	18.00/.709	F810	8010A
		40.000/1.5748	43.024/1.6939				IH
MAINS							
4M8009A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4	<i>Half grooved set.</i>					
		41.975/1.6526	46.000/1.8110	1.990/.0783	19.50/.768	F810	8009A
	42.000/1.6535	46.024/1.8120				L	
	1,2,3,4	41.975/1.6526	46.000/1.8110	1.990/.0783	19.50/.768	F810	8011A
42.000/1.6535		46.024/1.8120				U	
MAINS							
4M8011A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4	<i>Fully grooved set.</i>					
		41.975/1.6526	46.000/1.8110	1.990/.0783	19.50/.768	F810	8011A
		42.000/1.6535	46.024/1.8120				IH
THRUST							
1T8011 STD		47.750/1.8799	61.750/2.4311		1.98/.078	F817	8011T
		48.000/1.8898	62.000/2.4409				IH
BALANCE							
2BS8453 STD, .25, .50, .75, 1.00, 1.25	1	44.950/1.7697	48.000/1.8898	1.500/.0591	17.00/.669	F820	8452
		44.975/1.7707	48.025/1.8907				
	2	33.950/1.3366	37.000/1.4567	1.500/.0591	20.00/.787	F820	8453
		33.975/1.3376	37.025/1.4577				

7	Engine	Year	Cyl	Bore x Stroke	7
	CL 993cc Inline3 SOHC 2v Diesel	01/1983 - 12/1992	L3	76.0mm x 73.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
3B8010A STD, .25, .50, .75, 1.00, 1.25		39.975/1.5738	43.000/1.6929	1.490/.0587	18.00/.709	F810	8010A
		40.000/1.5748	43.024/1.6939				IH
MAINS							
4M8009A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4	<i>Half grooved set.</i>					
		41.975/1.6526	46.000/1.8110	1.990/.0783	19.50/.768	F810	8009A
	42.000/1.6535	46.024/1.8120				L	
	1,2,3,4	41.975/1.6526	46.000/1.8110	1.990/.0783	19.50/.768	F810	8011A
42.000/1.6535		46.024/1.8120				U	

7 Continued ... 7

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4M8011A STD, .25, .50, .75, 1.00, 1.25	MAINS 1,2,3,4	<i>Fully grooved set.</i>		1.990/.0783	19.50/.768	F810	8011A IH
		41.975/1.6526 42.000/1.6535	46.000/1.8110 46.024/1.8120				
1T8011 STD	THRUST	47.750/1.8799	61.750/2.4311	1.98/.078	F817	8011T IH	
		48.000/1.8898	62.000/2.4409				

8 Engine Year Cyl Bore x Stroke 8
DL-T 2765cc Inline4 SOHC 2v Turbo Diesel 04/1984 - 01/2000 L4 92.0mm x 104.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.			
4B1426A STD, .25, .50, .75, 1.0, 1.25,	CONROD	54.970/2.1642	58.000/2.2835	1.487/.0585	27.63/1.088	F810	1426A IH			
		54.980/2.1646	58.020/2.2842							
5M1382A STD, .25, .50, .75, 1.00, 1.25	MAINS	<i>Has overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.50mm=Std+0.34mm.</i>								
		1,3,5	67.950/2.6752	72.000/2.8346	2.002/.0788	30.00/1.181	F810	1382A U		
			67.970/2.6760	72.019/2.8354						
		1,5	67.950/2.6752	72.000/2.8346	2.002/.0788	30.00/1.181	F810	1382A L		
			67.970/2.6760	72.019/2.8354						
		2,4	67.950/2.6752	72.000/2.8346	2.002/.0788	24.00/.945	F810	1384A UL		
			67.970/2.6760	72.019/2.8354						
		3	67.950/2.6752	72.000/2.8346	2.002/.0788	37.95/1.494	F810	1385A(F) L		
			67.970/2.6760	72.019/2.8354						
		5M1392A STD, .25, .50, .75, 1.00, 1.25	MAINS	<i>Has overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.50mm=Std+0.34mm.</i>						
				1	67.950/2.6752	72.000/2.8346	2.002/.0788	24.00/.945	F810	1392A U
					67.970/2.6760	72.019/2.8354				
1,2,4,5	67.950/2.6752			72.000/2.8346	2.002/.0788	24.00/.945	F810	1393A L		
	67.970/2.6760			72.019/2.8354						
2,3,4,5	67.950/2.6752			72.000/2.8346	2.002/.0788	24.00/.945	F810	1393A U		
	67.970/2.6760			72.019/2.8354						
3	67.950/2.6752			72.000/2.8346	2.002/.0788	37.95/1.494	F810	1394A(F) L		
	67.970/2.6760			72.019/2.8354						
3C8454A STD	CAMS			<i>Suits engines up to 08/1987.</i>						
				1	45.950/1.8091	50.005/1.9687	50.851/2.0020	23.00/.906	F820	8454A
					45.970/1.8098	50.030/1.9697				
		2	45.650/1.7972	50.005/1.9687	2.152/.0847	25.00/.984	F820	8455A		
			45.670/1.7980	50.030/1.9697						
		3	45.350/1.7854	50.005/1.9687	2.302/.0906	23.00/.906	F820	8456A		
45.370/1.7862	50.030/1.9697									
5C8460A STD	CAMS	<i>Suits engines from 09/1987.</i>								
		1	50.605/1.9923		2.000/.0787	22.00/.866	F820	8460A		
			50.325/1.9813							
		2	50.325/1.9813		2.000/.0787	18.00/.709	F820	8461A		
			50.025/1.9695							
		3	50.025/1.9695		2.000/.0787	18.00/.709	F820	8462A		
49.705/1.9569										
4	49.705/1.9569		2.000/.0787	18.00/.709	F820	8463A				
	50.005/1.9687									
5	50.005/1.9687		2.300/.0906	22.00/.866	F820	8464A				
4RB4094 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		1.720/.0677	30.00/1.181	F100	4RB4094			
		31.000/1.2205 31.025/1.2215								
4RB4145 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		1.530/.0602	30.00/1.181	F100	4RB4145			
		25.990/1.0232 26.000/1.0236								
		29.000/1.1417 29.020/1.1425								



8 Continued ...								8
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
PISTON PIN BUSH								
RB4094 UNB			31.000/1.2205 31.025/1.2215	1.720/.0677	30.00/1.181	F100	RB4094	
9 Engine								9
EB 547cc Inline3 SOHC 2v				08/1985 - 07/1990	L3	62.0mm x 60.5mm		
EF 659cc Inline3 SOHC/DOHC 2v/4v				03/1990 - 12/2007	L3	68.0mm x 60.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
3B8020A STD, .25, .50, .75, 1.00		36.980/1.4559 37.000/1.4567	40.000/1.5748 40.020/1.5756	1.494/.0588	15.00/.591	F810	8020A IH	
MAINS								
4M8019A STD, .25, .50	1,2,3,4	41.980/1.6528 42.000/1.6535	46.000/1.8110 46.020/1.8118	1.994/.0785	16.00/.630	F810	8019A UL	
THRUST								
1T8019 STD		48.025/1.8907 48.275/1.9006	58.750/2.3130 59.000/2.3228		1.99/.078	F817	8019T IH	
10 Engine								10
FE 958cc Inline4 OHV 2v				01/1964 - 12/1977	L4	68.0mm x 66.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B1351A STD, .25, .50, .75, 1.00, 1.25		41.986/1.6530 42.000/1.6535	44.999/1.7716 45.019/1.7724	1.488/.0586	21.13/.832	F810	1351A IH	
MAINS								
3M8043A STD, .25, .50, .75, 1.00, 1.25	1,2	49.990/1.9681 50.000/1.9685	54.000/2.1260 54.020/2.1268	1.985/.0781	22.13/.871	F810	8043A IH	
	3	49.990/1.9681 50.000/1.9685	54.000/2.1260 54.020/2.1268	1.985/.0781	31.95/1.258	F810	8044A(F) IH	
11 Engine								11
DG 2530cc Inline4 OHV 2v Diesel				01/1965 - 04/1984	L4	88.0mm x 104.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B1426A STD, .25, .50, .75, 1.0, 1.25		54.970/2.1642 54.980/2.1646	58.000/2.2835 58.020/2.2842	1.487/.0585	27.63/1.088	F810	1426A IH	
MAINS								
<i>Has overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.50mm=Std+0.34mm.</i>								
5M1382A STD, .25, .50, .75, 1.00, 1.25	1,3,5	67.950/2.6752 67.970/2.6760	72.000/2.8346 72.019/2.8354	2.002/.0788	30.00/1.181	F810	1382A U	
	1,5	67.950/2.6752 67.970/2.6760	72.000/2.8346 72.019/2.8354	2.002/.0788	30.00/1.181	F810	1382A L	
	2,4	67.950/2.6752 67.970/2.6760	72.000/2.8346 72.019/2.8354	2.002/.0788	24.00/.945	F810	1384A UL	
	3	67.950/2.6752 67.970/2.6760	72.000/2.8346 72.019/2.8354	2.002/.0788	37.95/1.494	F810	1385A(F) L	
MAINS								
5M1427P STD, .25, .50, .75, 1.00	1,3,5	67.955/2.6754 67.970/2.6760	71.999/2.8346 72.017/2.8353	1.999/.0787	29.97/1.180	F780	1427 UL	
	2,4	67.955/2.6754 67.970/2.6760	71.999/2.8346 72.017/2.8353	1.999/.0787	24.00/.945	F780	1428 UL	
THRUST								
1T1427 STD		76.250/3.0020 76.250/3.0020	94.000/3.7008 94.000/3.7008		2.98/.117		1427T IH	
CAMS								
<i>Suits engines up to 08/1987.</i>								
3C8454A STD	1	45.950/1.8091 45.970/1.8098	50.005/1.9687 50.030/1.9697	50.851/2.0020	23.00/.906	F820	8454A	

11 Continued ... 11

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
3C8454A STD.	2	45.650/1.7972 45.670/1.7980	50.005/1.9687 50.030/1.9697	2.152/.0847	25.00/.984	F820	8455A	
	3	45.350/1.7854 45.370/1.7862	50.005/1.9687 50.030/1.9697	2.302/.0906	23.00/.906	F820	8456A	
4RB4022 UNB	PISTON PIN BUSH <i>Set of 4.</i>		26.000/1.0236 26.000/1.0236	29.000/1.1417 29.025/1.1427	1.650/.0650	30.00/1.181	F100	4RB4022
	PISTON PIN BUSH			38.895/1.5313 38.920/1.5323	2.110/.0831	34.25/1.348	F100	RB4002
RB4002 UNB	PISTON PIN BUSH			38.895/1.5313 38.920/1.5323	2.110/.0831	34.25/1.348	F100	RB4002
RB4022 UNB	PISTON PIN BUSH		26.000/1.0236 26.000/1.0236	29.000/1.1417 29.025/1.1427	1.650/.0650	30.00/1.181	F100	RB4022

12 Engine Year Cyl Bore x Stroke 12

HC-E 1295cc Inline4 SOHC 4v	01/1988 - 11/2000	L4	76.0mm x 71.4mm
HD-E 1589cc Inline4 SOHC 4v	01/1988 - 02/2000	L4	76.0mm x 87.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B8016A STD, .25, .50, .75, 1.00, 1.25	CONROD		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.490/.0587	18.00/.709	F810	8016A IH
	MAINS		49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	1.996/.0786	18.10/.713	F810	8017A IH
5M8017A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5							
	THRUST		57.000/2.2441 57.250/2.2539	75.750/2.9823 76.000/2.9921		2.49/.098	F817	8017T IH

13 Engine Year Cyl Bore x Stroke 13

CB-T 993cc Inline3 SOHC/DOHC 2v/4v Turbo	08/1984 - 05/1993	L3	76.0mm x 73.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
3B8010A STD, .25, .50, .75, 1.00, 1.25	CONROD		39.975/1.5738 40.000/1.5748	43.000/1.6929 43.024/1.6939	1.490/.0587	18.00/.709	F810	8010A IH
	CONROD			46.000/1.8110 46.020/1.8118	38.024/1.4970	18.00/.709	F780	8024 IH
3B8024A STD	MAINS		<i>Half grooved set.</i>					
	1,2,3,4		41.975/1.6526 42.000/1.6535	46.000/1.8110 46.024/1.8120	1.990/.0783	19.50/.768	F810	8009A L
	1,2,3,4		41.975/1.6526 42.000/1.6535	46.000/1.8110 46.024/1.8120	1.990/.0783	19.50/.768	F810	8011A U
4M8009A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4			52.004/2.0474 52.200/2.0551	1.994/.0785	17.10/.673	F810	8025A UL
	THRUST		47.750/1.8799 48.000/1.8898	61.750/2.4311 62.000/2.4409		1.98/.078	F817	8011T IH
1T8011 STD	THRUST			1727.200/68.000 0		1.99/.078	F817	8025T UL
	BALANCE							
2BS8453 STD, .25, .50, .75, 1.00, 1.25	1		44.950/1.7697 44.975/1.7707	48.000/1.8898 48.025/1.8907	1.500/.0591	17.00/.669	F820	8452
	2		33.950/1.3366 33.975/1.3376	37.000/1.4567 37.025/1.4577	1.500/.0591	20.00/.787	F820	8453



14	Engine	Year	Cyl	Bore x Stroke	14			
	DL 2765cc Inline4 OHV 2v Diesel	10/1982 - 04/1999	L4	92.0mm x 104.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B1426A STD, .25, .50, .75, 1.0, 1.25		54.970/2.1642	58.000/2.2835	1.487/.0585	27.63/1.088	F810	1426A	
		54.980/2.1646	58.020/2.2842				IH	
MAINS								
<i>Has overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.50mm=Std+0.34mm.</i>								
5M1382A STD, .25, .50, .75, 1.00, 1.25	1,3,5	67.950/2.6752	72.000/2.8346	2.002/.0788	30.00/1.181	F810	1382A	
		67.970/2.6760	72.019/2.8354				U	
	1,5	67.950/2.6752	72.000/2.8346	2.002/.0788	30.00/1.181	F810	1382A	
		67.970/2.6760	72.019/2.8354				L	
	2,4	67.950/2.6752	72.000/2.8346	2.002/.0788	24.00/.945	F810	1384A	
		67.970/2.6760	72.019/2.8354				UL	
	3	67.950/2.6752	72.000/2.8346	2.002/.0788	37.95/1.494	F810	1385A(F)	
		67.970/2.6760	72.019/2.8354				L	
	MAINS							
	<i>Has overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.50mm=Std+0.34mm.</i>							
5M1392A STD, .25, .50, .75, 1.00, 1.25	1	67.950/2.6752	72.000/2.8346	2.002/.0788	24.00/.945	F810	1392A	
		67.970/2.6760	72.019/2.8354				U	
	1,2,4,5	67.950/2.6752	72.000/2.8346	2.002/.0788	24.00/.945	F810	1393A	
		67.970/2.6760	72.019/2.8354				L	
	2,3,4,5	67.950/2.6752	72.000/2.8346	2.002/.0788	24.00/.945	F810	1393A	
		67.970/2.6760	72.019/2.8354				U	
	3	67.950/2.6752	72.000/2.8346	2.002/.0788	37.95/1.494	F810	1394A(F)	
		67.970/2.6760	72.019/2.8354				L	
	CAMS							
	<i>Suits engines up to 08/1987.</i>							
3C8454A STD	1	45.950/1.8091	50.005/1.9687	50.851/2.0020	23.00/.906	F820	8454A	
		45.970/1.8098	50.030/1.9697					
	2	45.650/1.7972	50.005/1.9687	2.152/.0847	25.00/.984	F820	8455A	
		45.670/1.7980	50.030/1.9697					
	3	45.350/1.7854	50.005/1.9687	2.302/.0906	23.00/.906	F820	8456A	
		45.370/1.7862	50.030/1.9697					
CAMS								
<i>Suits engines from 09/1987.</i>								
5C8460A STD	1		50.605/1.9923	2.000/.0787	22.00/.866	F820	8460A	
	2		50.325/1.9813	2.000/.0787	18.00/.709	F820	8461A	
	3		50.025/1.9695	2.000/.0787	18.00/.709	F820	8462A	
	4		49.705/1.9569	2.000/.0787	18.00/.709	F820	8463A	
	5		50.005/1.9687	2.300/.0906	22.00/.866	F820	8464A	
PISTON PIN BUSH								
<i>Set of 4.</i>								
4RB4022 UNB		26.000/1.0236	29.000/1.1417	1.650/.0650	30.00/1.181	F100	4RB4022	
		26.000/1.0236	29.025/1.1427					
PISTON PIN BUSH								
<i>Set of 4.</i>								
4RB4094 UNB			31.000/1.2205	1.720/.0677	30.00/1.181	F100	4RB4094	
			31.025/1.2215					
PISTON PIN BUSH								
<i>Set of 4.</i>								
4RB4145 UNB		25.990/1.0232	29.000/1.1417	1.530/.0602	30.00/1.181	F100	4RB4145	
		26.000/1.0236	29.020/1.1425					
PISTON PIN BUSH								
RB4022 UNB		26.000/1.0236	29.000/1.1417	1.650/.0650	30.00/1.181	F100	RB4022	
		26.000/1.0236	29.025/1.1427					
PISTON PIN BUSH								
RB4094 UNB			31.000/1.2205	1.720/.0677	30.00/1.181	F100	RB4094	
			31.025/1.2215					



14 Continued ...							14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4145 UNB		25.990/1.0232 26.000/1.0236	29.000/1.1417 29.020/1.1425	1.530/.0602	30.00/1.181	F100	RB4145



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
141 A4.000 769cc Inline4 SOHC 2v	01/1986 - 12/1992	L4	769	46	43
141 A4.048 769cc Inline4 SOHC 2v	01/1986 - 12/1992	L4	769	46	43
141 B.000 769cc Inline4 SOHC 2v	01/1986 - 01/1995	L4	769	46	43
156 A4.000 769cc Inline4 SOHC 2v	01/1986 - 01/1995	L4	769	46	46
156 A4.048 769cc Inline4 SOHC 2v	01/1995 - 12/1997	L4	769	46	46
100 G.002 843cc Inline4 OHV 2v	07/1964 - 10/1972	L4	843	51	44
100 GB.000 843cc Inline4 OHV 2v	03/1968 - 10/1972	L4	843	51	44
100 GC.000 843cc Inline4 OHV 2v	07/1964 - 10/1972	L4	843	51	44
100 GL6.000 843cc Inline4 2v	05/1974 - On	L4	843	51	43
100 G.000 843cc Inline4 OHV 2v	07/1964 - 10/1972	L4	843	51	44
1170 A1.000 899cc Inline4 2v	07/1991 - 07/1999	L4	899	54	43
1170 A1.046 899cc Inline4 2v	07/1991 - 01/2010	L4	899	54	43
100 GBC.000 903cc Inline4 OHV 2v	02/1968 - 12/1972	L4	903	55	44
100 GBC.040 903cc Inline4 OHV 2v	02/1968 - 12/1972	L4	903	55	44
100 GF.000 903cc Inline4 2v	01/1978 - 01/1986	L4	903	55	43
100 GL.000 903cc Inline4 2v	06/1971 - 12/1984	L4	903	55	43
100 GL.040 903cc Inline4 OHC 2v	02/1968 - 12/1972	L4	903	55	44
100 GL.048 903cc Inline4 2v	06/1971 - 05/1983	L4	903	55	43
100 GL.064 903cc Inline4 OHV 2v	06/1971 - 06/1992	L4	903	55	43
100 GL3.000 903cc Inline4 2v	10/1980 - 06/1994	L4	903	55	43
146 A.000 903cc Inline4 2v	10/1980 - 07/1996	L4	903	55	43
146 A.048 903cc Inline4 2v	01/1986 - 03/1994	L4	903	55	43
146 A1.000 903cc Inline4 2v	03/1983 - 07/1996	L4	903	55	43
170 A1.000 903cc Inline4 2v	07/1991 - 12/1993	L4	903	55	43
170 A1.046 903cc Inline4 2v	07/1991 - 12/1993	L4	903	55	43
M020 AA.09.0 903cc Inline4 2v	01/1980 - On	L4	903	55	43
127 A.000 903cc Inline4 2v	10/1976 - 12/1995	L4	903	55	43
A 112 B1.054 965cc Inline4 2v	09/1982 - 12/1986	L4	965	58	43
146 A2.166 994cc Inline4 SOHC 2v	09/1989 - 05/2000	L4	994	60	33
146 C7.000 994cc Inline4 SOHC 2v	09/1989 - 09/1992	L4	994	60	33
141 C2.000 999cc Inline4 SOHC 2v	05/1986 - 08/1998	L4	999	60	46
146 B4.000 999cc Inline4 SOHC 2v	07/1990 - 03/1994	L4	999	60	46
156 A2.000 999cc Inline4 SOHC 2v	06/1989 - 02/1992	L4	999	60	46
156 A2.0157 999cc Inline4 SOHC 2v	07/1985 - 03/1994	L4	999	60	46
156 A2.048 999cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	999	60	46
156 A2.050 999cc Inline4 SOHC 2v	07/1985 - 03/1994	L4	999	60	46
156 A2.100 999cc Inline4 SOHC 2v	01/1986 - 12/1993	L4	999	60	46
156 A2.146 999cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	999	60	46
156 A2.246 999cc Inline4 SOHC 2v	04/1984 - 02/2004	L4	999	60	46
156 A2.256 999cc Inline4 SOHC 2v	10/1987 - 02/1992	L4	999	60	46
156 A3.000 999cc Inline4 SOHC 2v	01/1985 - 12/1992	L4	999	60	46
156 A3.100 999cc Inline4 SOHC 2v	01/1986 - 02/1992	L4	999	60	46
127 A1.000 1049cc Inline4 SOHC 2v	07/1978 - 02/1982	L4	1049	64	33
127 A6.000 1049cc Inline4 SOHC 2v	09/1978 - 09/1982	L4	1049	64	33
146 A6.000 1116cc Inline4 SOHC 2v	01/1986 - 02/1992	L4	1049	64	33
156 A.000 1049cc Inline4 SOHC 2v	12/1986 - 04/1988	L4	1049	64	33
156 C.046 1108cc Inline4 SOHC 2v	01/1990 - 07/2004	L4	1108	67	46
160 A3.000 1108cc Inline4 SOHC 2v	01/1988 - 12/1992	L4	1108	67	46
176 A6.000 1108cc Inline4 SOHC 2v	09/1993 - 09/1999	L4	1108	67	46
176 B2.000 1108cc Inline4 SOHC 2v	10/1994 - 01/2010	L4	1108	67	46
187 A1.000 1108cc Inline4 SOHC 2v	02/1995 - On	L4	1108	67	45
128 A.000 1116cc Inline4 SOHC 2v	03/1969 - 12/1984	L4	1116	68	38
128 A.048 1116cc Inline4 SOHC 2v	02/1975 - 09/1981	L4	1116	68	38
128 A.064 1116cc Inline4 SOHC 2v	06/1972 - 12/1993	L4	1116	68	38
128 AC5.000 1116cc Inline4 SOHC 2v	03/1972 - 02/1981	L4	1116	68	38
128 BB.0A0 1116cc Inline4 SOHC 2v	11/1971 - 12/1979	L4	1116	68	38
138 AE.0A.0 1116cc Inline4 SOHC 2v	10/1978 - 09/1982	L4	1116	68	38
138 B.000 1116cc Inline4 SOHC 2v	10/1982 - 08/1989	L4	1116	68	38

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
138 B1.000 1116cc Inline4 SOHC 2v	10/1982 - 12/1987	L4	1116	68	38
138 C1.000 1116cc Inline4 SOHC 2v	10/1982 - 12/1987	L4	1116	68	38
146 A4.000 1116cc Inline4 SOHC 2v	04/1985 - 08/1989	L4	1116	68	38
146 A4.044 1116cc Inline4 SOHC 2v	01/1986 - 12/1989	L4	1116	68	38
146 A4.048 1116cc Inline4 SOHC 2v	04/1985 - 07/1996	L4	1116	68	38
146 A9.000 1116cc Inline4 SOHC 2v	11/1986 - 12/1993	L4	1116	68	33
146 C3.000 1116cc Inline4 SOHC 2v	06/1992 - 12/1993	L4	1116	68	39
124 A.000 1197cc Inline4 OHV 2v	02/1973 - 07/1975	L4	1197	73	51
124 BL.016 1197cc Inline4 OHV 2v	01/1970 - 12/1976	L4	1197	73	36
169 A4.000 1242cc Inline4 SOHC 2v	07/2007 - On	L4	1242	75	45
176 A7.000 1242cc Inline4 SOHC 2v	01/1994 - 06/2000	L4	1242	75	45
176 A8.000 1242cc Inline4 SOHC 2v	10/1993 - On	L4	1242	75	45
176 B1.000 1242cc Inline4 SOHC 2v	03/1994 - 06/2000	L4	1242	75	45
176 B4.000 1242cc Inline4 SOHC 2v	03/1994 - 06/2000	L4	1242	75	45
176 B9.000 1242cc Inline4 DOHC 4v	04/1997 - 06/2000	L4	1242	75	45
178 B5.000 1242cc Inline4 SOHC 2v	04/1996 - On	L4	1242	75	45
178 B7.045 1242cc Inline4 SOHC 2v	07/1997 - 08/2002	L4	1242	75	45
178 C4.066 1242cc Inline4 SOHC 2v	07/1997 - On	L4	1242	75	45
178 E2.000 1242cc Inline4 SOHC 2v	11/1999 - 09/2001	L4	1242	75	45
182 B2.000 1242cc Inline4 DOHC 4v	10/1998 - 12/2002	L4	1242	75	45
188 A4.000 1242cc Inline4 SOHC 2v	07/1997 - On	L4	1242	75	45
188 A5.000 1242cc Inline4 SOHC 2v	09/1999 - On	L4	1242	75	45
199 A4.000 1242cc Inline4 SOHC 2v	10/2005 - On	L4	1242	75	45
223 A5.000 1242cc Inline4 SOHC 2v	03/2001 - On	L4	1242	75	45
M733 AT.12.Z (JTD) 1248cc Inline4 DOHC 4v Turbo Diesel	02/2003 - On	L4	1248	76	37
128 A1.000 1290cc Inline4 SOHC 2v	03/1969 - 12/1984	L4	1290	78	38
128 AC.000 1290cc Inline4 SOHC 2v	03/1972 - 12/1979	L4	1290	78	38
128 AR.000 1290cc Inline4 SOHC 2v	09/1971 - 02/1976	L4	1290	78	38
128 AS.000 1290cc Inline4 SOHC 2v	02/1973 - 12/1979	L4	1290	78	38
131 A6.000 1297cc Inline4 2v	10/1974 - 09/1981	L4	1297	79	13
131 B.000 1297cc Inline4 SOHC 2v	03/1978 - 12/1980	L4	1297	79	13
127 A3.000 1301cc Inline4 SOHC 2v	12/1981 - 05/1983	L4	1301	79	33
127 A5.000 1301cc Inline4 SOHC 2v	04/1981 - 10/1992	L4	1301	79	33
128 A3.000 1301cc Inline4 SOHC 2v	01/1981 - 09/1982	L4	1301	79	7
138 A.000 1301cc Inline4 SOHC 2v	01/1979 - 09/1982	L4	1301	79	50
138 A1.000 1301cc Inline4 SOHC 2v	01/1978 - 09/1983	L4	1301	79	7
138 A3.000 1301cc Inline4 SOHC 2v	01/1981 - 09/1982	L4	1301	79	7
138 B2.000 1301cc Inline4 SOHC 2v	01/1983 - 07/1989	L4	1301	79	7
146 A2.000 1301cc Inline4 SOHC 2v Turbo	04/1985 - 08/1989	L4	1301	79	41
146 A2.146 1301cc Inline4 SOHC 2v Turbo	01/1987 - 12/1987	L4	1301	79	41
146 A2.246 1301cc Inline4 SOHC 2v Turbo	09/1989 - 03/1991	L4	1301	79	41
146 A5.000 1301cc Inline4 SOHC 2v	01/1986 - 12/1994	L4	1301	79	33
146 B1.000 1301cc Inline4 SOHC 2v	06/1983 - 03/1992	L4	1301	79	33
149 A3.000 1301cc Inline4 SOHC 2v	09/1983 - 07/1989	L4	1301	79	7
149 A7.000 1301cc Inline4 SOHC 2v	09/1983 - 08/1989	L4	1301	79	7
149 A7.003 1301cc Inline4 SOHC 2v	05/1985 - 12/1987	L4	1301	79	7
156 A5.000 1301cc Inline4 SOHC 2v	04/1986 - 12/1992	L4	1301	79	33
131 C.000 1367cc Inline4 SOHC 2v	11/1980 - 01/1984	L4	1367	83	14
131 C1.000 1367cc Inline4 SOHC 2v	11/1980 - 01/1984	L4	1367	83	14
146 B.000 1367cc Inline4 SOHC 2v Turbo Diesel	10/1986 - 10/1990	L4	1367	83	48
146 B3.000 1367cc Inline4 SOHC 2v Turbo Diesel	10/1986 - 10/1990	L4	1367	83	48
169 A3.000 1368cc Inline4 DOHC 4v	10/2006 - On	L4	1368	83	45
192 B2.000 1368cc Inline4 DOHC 4v	12/2003 - On	L4	1368	83	45
199 A6.000 1368cc Inline4 DOHC 4v	10/2005 - On	L4	1368	83	45
199 A7.000 1368cc Inline4 SOHC 2v	06/2006 - On	L4	1368	83	45
312 A1.000 1368cc Inline4 DOHC 4v Turbo	08/2008 - On	L4	1368	83	45
350 A1.000 1368cc Inline4 SOHC 2v	10/2005 - On	L4	1368	83	45
843 A1.000 1368cc Inline4 DOHC 4v	09/2003 - On	L4	1368	83	45



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
955 A2.000 1368cc Inline4 DOHC 4v	10/2009 - On	L4	1368	83	45
955 A6.000 1368cc Inline4 DOHC 4v	10/2009 - On	L4	1368	83	45
182 A3.000 1370cc Inline4 3v	10/1995 - 05/2002	L4	1370	83	35
146 A8.000 1372cc Inline4 SOHC 2v Turbo	10/1988 - 08/2000	L4	1372	83	8
146 A8.046 1372cc Inline4 SOHC 2v Turbo	09/1989 - 09/1993	L4	1372	83	8
146 C1.000 1372cc Inline4 SOHC 2v	09/1989 - 12/1993	L4	1372	83	8
146 C5.000 1372cc Inline4 SOHC 2v	11/1992 - 05/2001	L4	1372	83	8
146 D5.000 1372cc Inline4 SOHC 2v	05/1994 - 05/2001	L4	1372	83	8
159 A2.000 1372cc Inline4 SOHC 2v	05/1989 - 08/1996	L4	1372	83	8
160 A1.000 1372cc Inline4 SOHC 2v	07/1987 - 12/1989	L4	1372	83	8
160 A1.046 1372cc Inline4 SOHC 2v	05/1989 - 08/1996	L4	1372	83	8
160 A1.048 1372cc Inline4 SOHC 2v	07/1987 - 10/1992	L4	1372	83	8
176 A4.000 1372cc Inline4 SOHC 2v Turbo	01/1994 - 09/1996	L4	1372	83	8
176 B6.000 1372cc Inline4 SOHC 2v Turbo	09/1996 - 09/1999	L4	1372	83	8
178 B2.000 1372cc Inline4 4v	04/1996 - 06/2002	L4	1372	83	8
178 B2.016 1372cc Inline4 4v	04/1996 - 09/2001	L4	1372	83	8
836 A4.000 1372cc Inline4 SOHC 2v	05/1989 - 08/1996	L4	1372	83	8
124 AC.000 1438cc Inline4 2v	06/1967 - 07/1975	L4	1438	87	38
124 B.000 1438cc Inline4 2v	09/1967 - 05/1971	L4	1438	87	38
124 B2.000 1438cc Inline4 2v	12/1968 - 07/1975	L4	1438	87	38
124 BL1.016 1438cc Inline4 2v	01/1969 - 12/1977	L4	1438	87	38
131 AZ.000 1438cc Inline4 SOHC 2v	06/1976 - 06/1982	L4	1438	87	14
131 BZ.0C0 1438cc Inline4 2v	06/1976 - 06/1982	L4	1438	87	14
131 FZ 1438cc Inline4 2v	06/1976 - 06/1982	L4	1438	87	14
128 A5.000 1499cc Inline4 SOHC 2v	07/1978 - 09/1982	L4	1499	91	42
138 A2.000 1499cc Inline4 SOHC 2v	01/1978 - 12/1988	L4	1499	91	42
138 A4.000 1499cc Inline4 SOHC 2v	01/1980 - 07/1989	L4	1499	91	42
138 A5.000 1499cc Inline4 SOHC 2v	11/1978 - 12/1989	L4	1499	91	42
138 B3.000 1499cc Inline4 SOHC 2v	01/1983 - 04/1989	L4	1499	91	42
138 B3.048 1499cc Inline4 SOHC 2v	12/1983 - 07/1989	L4	1499	91	42
138 B5.031 1499cc Inline4 SOHC 2v	06/1985 - 12/1989	L4	1499	91	42
138 C.048 1499cc Inline4 SOHC 2v	10/1985 - 07/1989	L4	1499	91	42
138 C2.048 1499cc Inline4 SOHC 2v	09/1985 - 12/1993	L4	1499	91	42
138 C3.048 1499cc Inline4 SOHC 2v	01/1978 - 07/1989	L4	1499	91	42
149 A5.000 1499cc Inline4 SOHC 2v	05/1985 - 12/1987	L4	1499	91	42
149 A5.046 1499cc Inline4 SOHC 2v	05/1985 - 12/1987	L4	1499	91	42
149 C1.000 1499cc Inline4 SOHC 2v	07/1985 - 12/1996	L4	1499	91	42
146 C6.000 1581cc Inline4 SOHC 2v	04/1999 - 06/2010	L4	1581	96	8
146 D6.000 1581cc Inline4 SOHC 2v	10/1993 - 05/2001	L4	1581	96	8
159 A3.000 1581cc Inline4 SOHC 2v	03/1985 - 12/1996	L4	1581	96	8
159 A3.046 1581cc Inline4 SOHC 2v	12/1989 - 08/1996	L4	1581	96	8
159 A3.048 1581cc Inline4 SOHC 2v	06/1992 - 08/1996	L4	1581	96	8
159 B9.000 1581cc Inline4 SOHC 2v	06/1994 - 08/1996	L4	1581	96	8
178 B3.000 1581cc Inline4 DOHC 4v	04/1996 - On	L4	1581	96	8
178 C7.098 1581cc Inline4 DOHC 4v	07/1997 - 10/2003	L4	1581	96	8
178 D2.011 1581cc Inline4 DOHC 4v	07/1997 - 10/2003	L4	1581	96	8
182 A4.000 1581cc Inline4 DOHC 4v	09/1996 - 06/2010	L4	1581	96	8
182 A6.000 1581cc Inline4 DOHC 4v	10/1995 - 10/2001	L4	1581	96	8
182 B5.098 1581cc Inline4 DOHC 4v	09/2000 - 08/2002	L4	1581	96	8
185 A3.000 1581cc Inline4 DOHC 4v	04/1997 - 05/2002	L4	1581	96	8
186 A3.000 1581cc Inline4 DOHC 4v	04/1999 - 06/2010	L4	1581	96	8
186 A4.000 1581cc Inline4 DOHC 4v	04/1999 - 06/2010	L4	1581	96	8
220 A2.000 1581cc Inline4 SOHC 2v	02/1996 - 12/2006	L4	1581	96	8
835 C1.000 1581cc Inline4 SOHC 2v	10/1990 - 08/1996	L4	1581	96	8
124 B3.000 1585cc Inline4 2v	10/1975 - 07/1982	L4	1585	96	18
131 A1.000 1585cc Inline4 2v	10/1974 - 09/1981	L4	1585	96	15
131 AB.1A.0 1585cc Inline4 2v	01/1974 - On	L4	1585	96	15
131 B1.000 1585cc Inline4 DOHC 2v	03/1979 - 03/1982	L4	1585	96	14

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
131 C2.000 1585cc Inline4 SOHC 2v	11/1976 - 04/1985	L4	1585	96	14
131 C3.000 1585cc Inline4 SOHC 2v	03/1978 - 01/1984	L4	1585	96	14
132 C.000 1585cc Inline4 DOHC 2v	01/1976 - 12/1982	L4	1585	96	14
132 C6.000 1585cc Inline4 2v	03/1977 - 12/1981	L4	1585	96	14
132 CB.0A.0 1585cc Inline4 DOHC 2v	04/1972 - 12/1981	L4	1585	96	14
132 D.000 1585cc Inline4 DOHC 2v	04/1981 - 12/1985	L4	1585	96	14
138 AR.000 1585cc Inline4 DOHC 2v	05/1981 - 12/1987	L4	1585	96	14
138 AR.048 1585cc Inline4 DOHC 2v	05/1985 - 12/1987	L4	1585	96	14
149 A.000 1585cc Inline4 2v	10/1983 - 06/1990	L4	1585	96	14
149 A2.000 1585cc Inline4 2v	10/1983 - 12/1990	L4	1585	96	14
149 A4.000 1585cc Inline4 2v	01/1983 - 12/1990	L4	1585	96	14
149 C2.000 1585cc Inline4 2v	09/1985 - 07/1989	L4	1585	96	14
149 C2.046 1585cc Inline4 2v	02/1988 - 05/1991	L4	1585	96	14
149 C3.000 1585cc Inline4 2v	10/1983 - 12/1990	L4	1585	96	14
154 A.048 1585cc Inline4 2v	12/1985 - 12/1990	L4	1585	96	14
132 A.000 1592cc Inline4 2v	10/1974 - 02/1981	L4	1592	97	6
132 A9.000 1592cc Inline4 2v	01/1973 - 07/1975	L4	1592	97	6
132 AB.0A.0 1592cc Inline4 2v	01/1972 - 07/1995	L4	1592	97	6
132 AC.000 1592cc Inline4 2v	01/1969 - 12/1975	L4	1592	97	6
132 BB.0.A0 1592cc Inline4 2v	04/1972 - 01/1976	L4	1592	97	6
182 B6.000 1596cc Inline4 DOHC 4v	01/1999 - On	L4	1596	97	8
192 B3.000 1598cc Inline4 2v	03/2005 - 12/2007	L4	1598	97	40
125 A.000 1608cc Inline4 2v	07/1967 - 03/1974	L4	1608	98	47
125 B.000 1608cc Inline4 2v	05/1969 - 10/1973	L4	1608	98	47
138 C.000 1698cc Inline4 SOHC 2v Diesel	05/1985 - 12/1987	L4	1698	103	17
146 B2.000 1698cc Inline4 SOHC 2v Diesel	01/1988 - 10/1999	L4	1698	103	17
146 D7.000 1698cc Inline4 SOHC 2v Turbo Diesel	01/1997 - 05/2001	L4	1698	103	3
149 B2.000 1698cc Inline4 SOHC 2v Diesel	01/1988 - 10/1993	L4	1698	103	17
149 B3.000 1698cc Inline4 SOHC 2v Diesel	01/1984 - 05/2000	L4	1698	103	17
149 B4.000 1698cc Inline4 SOHC 2v Diesel	01/1988 - 10/1995	L4	1698	103	17
149 B4.046 1698cc Inline4 SOHC 2v Diesel	02/1988 - 02/1992	L4	1698	103	17
176 A3.000 1698cc Inline4 SOHC 2v Turbo Diesel	01/1994 - 03/2001	L4	1698	103	3
176 A5.000 1698cc Inline4 SOHC 2v Turbo Diesel	01/1994 - 02/2000	L4	1698	103	3
176 B3.000 1698cc Inline4 SOHC 2v Diesel	04/1994 - 02/2000	L4	1698	103	17
176 B7.000 1698cc Inline4 SOHC 2v Turbo Diesel	09/1996 - 09/1999	L4	1698	103	3
178 C9.066 1698cc Inline4 SOHC 2v Turbo Diesel	01/1998 - On	L4	1698	103	3
138 A5.000 1714cc Inline4 SOHC 2v Diesel	10/1979 - 09/1982	L4	1714	104	17
138 B5.000 1714cc Inline4 SOHC 2v Diesel	03/1980 - 04/1985	L4	1714	104	17
138 B6.000 1714cc Inline4 SOHC 2v Diesel	10/1982 - 12/1986	L4	1714	104	17
182 A2.000 1747cc Inline4 DOHC 4v	10/1995 - 05/2002	L4	1747	106	10
183 A1.000 1747cc Inline4 DOHC 4v	04/1995 - 05/2005	L4	1747	106	10
188 A6.000 1747cc Inline4 DOHC 4v	04/1995 - 05/2005	L4	1747	106	10
192 A4.000 1747cc Inline4 DOHC 4v	10/2001 - 08/2008	L4	1747	106	10
132 A1.000 1756cc Inline4 2v	01/1972 - 12/1976	L4	1756	107	6
132 AB.000 1756cc Inline4 2v	01/1972 - 12/1981	L4	1756	107	6
132 AC1.000 1756cc Inline4 2v	01/1972 - 12/1977	L4	1756	107	6
132 B.000 1756cc Inline4 2v	04/1972 - 01/1976	L4	1756	107	6
132 B1.000 1756cc Inline4 2v	04/1972 - 01/1977	L4	1756	107	6
132 BB.1A.0 1756cc Inline4 2v	04/1972 - 12/1981	L4	1756	107	6
132 C1.000 1756cc Inline4 2v	04/1972 - 01/1976	L4	1756	107	6
132 CB.1A 1756cc Inline4 2v	04/1972 - 01/1976	L4	1756	107	6
159 A4.000 1756cc Inline4 DOHC 2v	03/1990 - 08/1996	L4	1756	107	22
159 A4.046 1756cc Inline4 DOHC 2v	10/1990 - 08/1996	L4	1756	107	22
160 A5.000 1756cc Inline4 DOHC 4v	11/1989 - 06/1992	L4	1756	107	49
835 C2.000 1756cc Inline4 DOHC 2v	04/1993 - 08/1996	L4	1756	107	22
835 C4.000 1756cc Inline4 DOHC 2v	09/1993 - 08/1996	L4	1756	107	22
836 A5.000 1756cc Inline4 DOHC 2v	03/1993 - 08/1996	L4	1756	107	22
836 A6.000 1756cc Inline4 DOHC 2v	03/1993 - 08/1996	L4	1756	107	22



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
182 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	03/1996 - 05/2002	L4	1910	116	11
182 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel	03/1996 - 05/2002	L4	1910	116	11
182 B4.000 1910cc Inline4 SOHC 2v Turbo Diesel	12/1998 - 06/2010	L4	1910	116	26
182 B9.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/1996 - On	L4	1910	116	26
185 B4.000 1910cc Inline4 SOHC 2v Turbo Diesel	03/1999 - 09/2002	L4	1910	116	26
186 A6.000 1910cc Inline4 SOHC 2v Turbo Diesel	01/2001 - 07/2002	L4	1910	116	26
186 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel	07/2002 - 06/2010	L4	1910	116	26
186 A9.000 1910cc Inline4 DOHC 4v Turbo Diesel	04/2002 - On	L4	1910	116	26
188 A2.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/1999 - On	L4	1910	116	26
188 A3.000 1910cc Inline4 SOHC 2v Diesel	09/1999 - 10/2009	L4	1910	116	12
188 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	05/1999 - On	L4	1910	116	26
188 B2.000 1910cc Inline4 DOHC 4v Turbo Diesel	01/2004 - On	L4	1910	116	26
192 A1.000 1910cc Inline4 SOHC 2v Turbo Diesel	10/2001 - 08/2008	L4	1910	116	26
192 A3.000 1910cc Inline4 4v Turbo Diesel	01/2003 - 08/2008	L4	1910	116	26
192 A5.000 1910cc Inline4 4v Turbo Diesel	01/2004 - 08/2008	L4	1910	116	27
192 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2005 - On	L4	1910	116	27
192 A9.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2005 - 08/2008	L4	1910	116	27
192 B1.000 1910cc Inline4 4v Turbo Diesel	04/2004 - 08/2008	L4	1910	116	27
192 B5.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2004 - 12/2008	L4	1910	116	27
199 A5.000 1910cc Inline4 SOHC 2v Turbo Diesel	10/2005 - On	L4	1910	116	26
223 A6.000 1910cc Inline4 SOHC 2v Diesel	11/2000 - On	L4	1910	116	12
223 A7.000 1910cc Inline4 DOHC 4v Turbo Diesel	07/2003 - On	L4	1910	116	26
223 B1.000 1910cc Inline4 DOHC 4v Turbo Diesel	07/2003 - On	L4	1910	116	26
223 B2.000 1910cc Inline4 DOHC 4v Turbo Diesel	10/2001 - On	L4	1910	116	26
937 A4.000 1910cc Inline4 4v Turbo Diesel	09/2003 - 08/2008	L4	1910	116	27
937 A5.000 1910cc Inline4 4v Turbo Diesel	09/2005 - On	L4	1910	116	27
937 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	10/2001 - 08/2008	L4	1910	116	28
939 A1.000 1910cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	1910	116	26
939 A2.000 1910cc Inline4 4v Turbo Diesel	06/2005 - On	L4	1910	116	27
939 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	1910	116	26
D19AA 1910cc Inline4 SOHC 2v Turbo Diesel	06/2006 - On	L4	1910	116	26
149 A1.000 1929cc Inline4 SOHC 2v Diesel	04/1984 - 08/1996	L4	1929	117	17
149 B1.000 1929cc Inline4 SOHC 2v Diesel	02/1987 - 03/1994	L4	1929	117	17
149 B5.046 1929cc Inline4 SOHC 2v Diesel	09/1989 - 03/1994	L4	1929	117	2
154 B.000 1929cc Inline4 SOHC 2v Turbo Diesel	03/1988 - 06/1990	L4	1929	117	2
154 C6.000 1929cc Inline4 SOHC 2v Turbo Diesel	05/1989 - 10/1992	L4	1929	117	2
154 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	11/1992 - 12/1996	L4	1929	117	2
160 A6.000 1929cc Inline4 SOHC 2v Turbo Diesel	05/1990 - 08/1996	L4	1929	117	1
160 A6.046 1929cc Inline4 SOHC 2v Turbo Diesel	09/1990 - 04/1995	L2	1929	117	1
160 A7.000 1929cc Inline4 SOHC 2v Diesel	07/1991 - 10/2001	L4	1929	117	17
160 B6.046 1929cc Inline4 SOHC 2v Turbo Diesel	03/1992 - 08/1996	L4	1929	117	1
230 A2.000 1929cc Inline4 SOHC 2v Diesel	03/1994 - 04/2002	L4	1929	117	20
230 A3.000 1929cc Inline4 SOHC 2v Turbo Diesel	03/1994 - 04/2002	L4	1929	117	1
230 A4.000 1929cc Inline4 SOHC 2v Turbo Diesel	08/1994 - 04/2002	L4	1929	117	1
280 A1.000 1929cc Inline4 SOHC 2v Turbo Diesel	03/1989 - 03/1994	L4	1929	117	1
831 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	12/1985 - 07/1989	L4	1929	117	25
131 B2.000 1995cc Inline4 DOHC 2v	06/1978 - 03/1981	L4	1995	121	18
131 C4.000 1995cc Inline4 DOHC 2v	01/1981 - 12/1984	L4	1995	121	18
132 AZ2.000 1995cc Inline4 2v	10/1975 - 07/1982	L4	1995	121	16
132 B2.000 1995cc Inline4 DOHC 2v	06/1978 - 08/1983	L4	1995	121	18
132 C2.000 1995cc Inline4 DOHC 2v	01/1976 - 12/1985	L4	1995	121	19
132 C2.031 1995cc Inline4 2v	03/1976 - 05/1981	L4	1995	121	18
132 C2.040 1995cc Inline4 2v	03/1976 - 05/1981	L4	1995	121	18
132 C3.000 1995cc Inline4 2v	01/1980 - 07/1986	L4	1995	121	19
132 C3.031 1995cc Inline4 2v	03/1982 - 11/1985	L4	1995	121	19
132 C3.040 1995cc Inline4 2v	03/1982 - 11/1985	L4	1995	121	19
132 D1.000 1995cc Inline4 2v	06/1978 - 12/1985	L4	1995	121	19
132 DB.2A.O 1995cc Inline4 2v	03/1976 - 05/1981	L4	1995	121	18

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
138 AR1.000 1995cc Inline4 2v	11/1981 - 12/1987	L4	1995	121	19
138 AR2.000 1995cc Inline4 2v	04/1983 - 12/1987	L4	1995	121	19
154 A1.000 1995cc Inline4 DOHC 2v	12/1985 - 02/1989	L4	1995	121	4
154 A2.000 1995cc Inline4 2v Turbo	12/1985 - 06/1990	L4	1995	121	5
154 C3.000 1995cc Inline4 2v	03/1987 - 09/1992	L4	1995	121	21
154 C3.046 1995cc Inline4 2v	10/1987 - 08/1996	L4	1995	121	21
154 C4.000 1995cc Inline4 2v Turbo	12/1985 - 12/1996	L4	1995	121	5
154 C4.046 1995cc Inline4 2v Turbo	06/1987 - 08/1996	L4	1995	121	5
154 C5.000 1995cc Inline4 DOHC 2v	07/1990 - 11/1992	L4	1995	121	4
154 E1.000 1995cc Inline4 DOHC 4v	08/1992 - 08/1996	L4	1995	121	49
159 A5.046 1995cc Inline4 DOHC 2v	06/1990 - 03/1992	L4	1995	121	24
159 A6.046 1995cc Inline4 DOHC 2v	10/1990 - 08/1996	L4	1995	121	24
160 A8.046 1995cc Inline4 DOHC 4v	07/1991 - 04/1995	L4	1995	121	49
175 A1.000 1995cc Inline4 DOHC 4v Turbo	11/1993 - 08/1996	L4	1995	121	49
834 B.000 1995cc Inline DOHC 2v	03/1987 - 09/1992	L4	1995	121	23
834 B.048 1995cc Inline4 DOHC 2v	03/1986 - 09/1990	L4	1995	121	23
834 B.146 1995cc Inline4 DOHC 2v	10/1987 - 08/1996	L4	1995	121	23
834 C.146 1995cc Inline4 2v Turbo	11/1986 - 08/1996	L4	1995	121	5
836 A3.000 1995cc Inline4 DOHC 4v	03/1993 - 08/1996	L4	1995	121	49
175 A3.000 1998cc Inline5 SOHC 2v Turbo	08/1996 - 08/2000	L5	1998	121	31
182 A1.000 1998cc Inline5 DOHC 4v	10/1995 - 04/1999	L5	1998	121	31
182 B7.000 1998cc Inline5 DOHC 4v	09/1998 - 02/2003	L5	1998	121	31
185 A8.000 1998cc Inline5 DOHC 4v	01/2001 - 05/2002	L5	1998	121	31
185 A2.000 2387cc Inline5 SOHC 2v Turbo Diesel	09/1996 - 04/1999	L5	2387	145	30
185 A6.000 2387cc Inline5 SOHC 2v Turbo Diesel	04/1999 - 05/2002	L5	2387	145	30
839 A5.000 2387cc Inline5 SOHC 2v Turbo Diesel	04/1999 - 05/2002	L4	2387	145	30
M717 AT.24.T 2466cc Inline5 2v Turbo Diesel	09/1996 - On	L5	2466	150	32
834 G.000 2492cc V6 SOHC 2v	06/1993 - 08/1996	V6	2492	152	9
B 25.637 2499cc Inline4 2v Diesel	01/1989 - On	L4	2499	152	34
CRD93L (U25-661) 2499cc Inline4 2v Diesel	01/1982 - 08/1990	L4	2499	152	34
8035.05.215 2931cc Inline3 2v Diesel	01/1983 - On	L3	2931	178	29



1	Engine	Year	Cyl	Bore x Stroke	1
	160 A6.000 1929cc Inline4 SOHC 2v Turbo Diesel	05/1990 - 08/1996	L4	82.6mm x 90.0mm	
	160 A6.046 1929cc Inline4 SOHC 2v Turbo Diesel	09/1990 - 04/1995	L2	82.6mm x 90.0mm	
	160 B6.046 1929cc Inline4 SOHC 2v Turbo Diesel	03/1992 - 08/1996	L4	82.6mm x 90.0mm	
	230 A3.000 1929cc Inline4 SOHC 2v Turbo Diesel	03/1994 - 04/2002	L4	82.6mm x 90.0mm	
	230 A4.000 1929cc Inline4 SOHC 2v Turbo Diesel	08/1994 - 04/2002	L4	82.6mm x 90.0mm	
	280 A1.000 1929cc Inline4 SOHC 2v Turbo Diesel	03/1989 - 03/1994	L4	82.6mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Notch 4.37mm wide.</i>					
4B2822A STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
	CONROD	<i>Notch 4.37mm wide.</i>					
4B2822P STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH
	CONROD	<i>Notch 4.57mm wide.</i>					
4B2872A STD, .25, .50, .75		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.919/2.1228	1.536/.0605	19.50/.768	F810	2872A IH
	CONROD	<i>Notch 4.57mm wide.</i>					
4B2872P STD, .25, .50, .75		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.919/2.1228	1.536/.0605	19.50/.768	F780	2872 IH
RACE SERIES 4B2904H STD, .025, .25	CONROD	50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH
RACE SERIES 4B2904HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.523/.0600	19.50/.768	F781	2904HX IH
5M2834A STD, .25, .50	MAINS 1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
RACE SERIES 5M2908H STD, .025, .25	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
RACE SERIES 5M2908HX STD	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
1T2827A STD	THRUST	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
RB4157	PISTON PIN BUSH	26.004/1.0238 26.010/1.0240	27.939/1.1000 27.972/1.1013		25.40/1.000	F100	RB4157

2	Engine	Year	Cyl	Bore x Stroke	2
	149 B5.046 1929cc Inline4 SOHC 2v Diesel	09/1989 - 03/1994	L4	82.6mm x 90.0mm	
	154 B.000 1929cc Inline4 SOHC 2v Turbo Diesel	03/1988 - 06/1990	L4	82.6mm x 90.0mm	
	154 C6.000 1929cc Inline4 SOHC 2v Turbo Diesel	05/1989 - 10/1992	L4	82.6mm x 90.0mm	
	154 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	11/1992 - 12/1996	L4	82.6mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Notch 4.37mm wide.</i>					
4B2822A STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
	CONROD	<i>Notch 4.37mm wide.</i>					
4B2822P STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH



2		Continued ...						2	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B2872A STD, .25, .50, .75	CONROD	<i>Notch 4.57mm wide.</i>		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F810	2872A IH
		50.807/2.0003	53.919/2.1228						
4B2872P STD, .25, .50, .75	CONROD	<i>Notch 4.57mm wide.</i>		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F780	2872 IH
		50.807/2.0003	53.919/2.1228						
RACE SERIES 4B2904H STD, .025, .25	CONROD	50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F781	2904H IH		
		50.807/2.0003	53.913/2.1226						
RACE SERIES 4B2904HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		50.787/1.9995	53.897/2.1219	1.523/.0600	19.50/.768	F781	2904HX IH
		50.807/2.0003	53.913/2.1226						
5M2834A STD, .25, .50	MAINS 1,2,4,5	52.990/2.0862	56.717/2.2329	1.843/.0726	20.75/.817	F810	2834A IH		
		53.010/2.0870	56.736/2.2337						
		3	52.990/2.0862	56.717/2.2329	1.843/.0726	24.25/.955	F810	2835A IH	
		53.010/2.0870	56.735/2.2337						
RACE SERIES 5M2908H STD, .025, .25	MAINS 1,2,4,5	52.991/2.0863	56.717/2.2329	1.843/.0726	20.75/.817	F780	2908H IH		
		53.000/2.0866	56.735/2.2337						
		3	52.991/2.0863	56.717/2.2329	1.843/.0726	24.25/.955	F780	2909H IH	
		53.000/2.0866	56.735/2.2337						
RACE SERIES 5M2908HX STD	MAINS 1,2,4,5	52.991/2.0863	56.717/2.2329	1.830/.0720	20.75/.817	F780	2908HX IH		
		53.000/2.0866	56.735/2.2337						
1T2827A STD	THRUST	59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH		
		59.250/2.3327	73.850/2.9075						
RB4160	PISTON PIN BUSH		28.939/1.1393		21.70/.854	F100	RB4160		
			28.972/1.1406						

3	Engine	Year	Cyl	Bore x Stroke	3
	146 D7.000 1698cc Inline4 SOHC 2v Turbo Diesel	01/1997 - 05/2001	L4	82.6mm x 79.2mm	
	176 A3.000 1698cc Inline4 SOHC 2v Turbo Diesel	01/1994 - 03/2001	L4	82.6mm x 79.2mm	
	176 A5.000 1698cc Inline4 SOHC 2v Turbo Diesel	01/1994 - 02/2000	L4	82.6mm x 79.2mm	
	176 B7.000 1698cc Inline4 SOHC 2v Turbo Diesel	09/1996 - 09/1999	L4	82.6mm x 79.2mm	
	178 C9.066 1698cc Inline4 SOHC 2v Turbo Diesel	01/1998 - On	L4	82.6mm x 79.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B2822A STD, 010, 020	CONROD	<i>Notch 4.37mm wide.</i>		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F810	2822A IH
		50.807/2.0003	53.913/2.1226						
4B2822P STD, 010, 020	CONROD	<i>Notch 4.37mm wide.</i>		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F780	2822 IH
		50.807/2.0003	53.913/2.1226						
4B2872A STD, .25, .50, .75	CONROD	<i>Notch 4.57mm wide.</i>		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F810	2872A IH
		50.807/2.0003	53.919/2.1228						
4B2872P STD, .25, .50, .75	CONROD	<i>Notch 4.57mm wide.</i>		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F780	2872 IH
		50.807/2.0003	53.919/2.1228						
RACE SERIES 4B2904H STD, .025, .25	CONROD	50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F781	2904H IH		
		50.807/2.0003	53.913/2.1226						
RACE SERIES 4B2904HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		50.787/1.9995	53.897/2.1219	1.523/.0600	19.50/.768	F781	2904HX IH
		50.807/2.0003	53.913/2.1226						



3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M2834A STD, .25, .50	MAINS 1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
RACE SERIES 5M2908H STD, .025, .25	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
RACE SERIES 5M2908HX STD	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
	THRUST						
1T2827A STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
RB4161	PISTON PIN BUSH	25.500/1.0039 25.640/1.0094	27.939/1.1000 27.972/1.1013		23.80/.937	F100	RB4161

4 Engine				Year	Cyl	Bore x Stroke	4
154 A1.000 1995cc Inline4 DOHC 2v				12/1985 - 02/1989	L4	84.0mm x 90.0mm	
154 C5.000 1995cc Inline4 DOHC 2v				07/1990 - 11/1992	L4	84.0mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1049A STD, .25, .50	CONROD	50.792/1.9997 50.805/2.0002	53.892/2.1217 53.910/2.1224	1.537/.0605	19.50/.768	F810	1049A IH
	MAINS 1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
5M2834A STD, .25, .50	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
RACE SERIES 5M2908H STD, .025, .25	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
RACE SERIES 5M2908HX STD	THRUST						
	1T2827A STD	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
RB4159	PISTON PIN BUSH	21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159

5 Engine				Year	Cyl	Bore x Stroke	5
154 A2.000 1995cc Inline4 2v Turbo				12/1985 - 06/1990	L4	84.0mm x 90.0mm	
154 C4.000 1995cc Inline4 2v Turbo				12/1985 - 12/1996	L4	84.0mm x 90.0mm	
154 C4.046 1995cc Inline4 2v Turbo				06/1987 - 08/1996	L4	84.0mm x 90.0mm	
834 C.146 1995cc Inline4 2v Turbo				11/1986 - 08/1996	L4	84.0mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2840A STD, .25, .50	CONROD	50.787/1.9995 50.807/2.0003	53.892/2.1217 53.910/2.1224	1.537/.0605	19.50/.768	F810	2840A IH

5 Continued ...							5
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M2834A STD, .25, .50	MAINS 1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
RACE SERIES 5M2908H STD, .025, .25	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
RACE SERIES 5M2908HX STD	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
	THRUST						
1T2827A STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
	PISTON PIN BUSH						
RB4159		21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159

6 Engine	Year	Cyl	Bore x Stroke	6
132 A.000 1592cc Inline4 2v	10/1974 - 02/1981	L4	80.0mm x 79.2mm	
132 A1.000 1756cc Inline4 2v	01/1972 - 12/1976	L4	84.0mm x 79.2mm	
132 A9.000 1592cc Inline4 2v	01/1973 - 07/1975	L4	80.0mm x 79.2mm	
132 AB.000 1756cc Inline4 2v	01/1972 - 12/1981	L4	84.0mm x 79.2mm	
132 AB.0A.0 1592cc Inline4 2v	01/1972 - 07/1995	L4	80.0mm x 79.2mm	
132 AC.000 1592cc Inline4 2v	01/1969 - 12/1975	L4	80.0mm x 79.2mm	
132 AC1.000 1756cc Inline4 2v	01/1972 - 12/1977	L4	84.0mm x 79.2mm	
132 B.000 1756cc Inline4 2v	04/1972 - 01/1976	L4	84.0mm x 79.2mm	
132 B1.000 1756cc Inline4 2v	04/1972 - 01/1977	L4	84.0mm x 79.2mm	
132 BB.0.A0 1592cc Inline4 2v	04/1972 - 01/1976	L4	80.0mm x 79.2mm	
132 BB.1A.0 1756cc Inline4 2v	04/1972 - 12/1981	L4	84.0mm x 79.2mm	
132 C1.000 1756cc Inline4 2v	04/1972 - 01/1976	L4	84.0mm x 79.2mm	
132 CB.1A 1756cc Inline4 2v	04/1972 - 01/1976	L4	84.0mm x 79.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2825A STD, .25, .50, .75	CONROD	<i>Oil holes at 75 deg and 105 deg.</i>					
		50.782/1.9993 50.802/2.0001	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F810	2825A IH
5M2826A STD, .25, .50, .75, 1.00	MAINS						
	1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	24.25/.955	F820	2827A IH
1T2827A STD	THRUST						
		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
RB4159	PISTON PIN BUSH						
		21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159



7	Engine		Year	Cyl	Bore x Stroke	7	
	128 A3.000 1301cc Inline4 SOHC 2v		01/1981 - 09/1982	L4	86.4mm x 55.5mm		
	138 A1.000 1301cc Inline4 SOHC 2v		01/1978 - 09/1983	L4	86.4mm x 55.5mm		
	138 A3.000 1301cc Inline4 SOHC 2v		01/1981 - 09/1982	L4	86.4mm x 55.5mm		
	138 B2.000 1301cc Inline4 SOHC 2v		01/1983 - 07/1989	L4	86.4mm x 55.5mm		
	149 A3.000 1301cc Inline4 SOHC 2v		09/1983 - 07/1989	L4	86.4mm x 55.5mm		
	149 A7.000 1301cc Inline4 SOHC 2v		09/1983 - 08/1989	L4	86.4mm x 55.5mm		
	149 A7.003 1301cc Inline4 SOHC 2v		05/1985 - 12/1987	L4	86.4mm x 55.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>3 oil holes.</i>					
4B1441A STD, 010, 020, 030		45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152	1.547/.0609	19.20/.756	F810	1441A IH
	CONROD	<i>2 oil holes.</i>					
4B1444A STD, .25, .50		45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152	1.538/.0606	19.20/.756	F810	1444A IH
	MAINS						
5M1442A STD, 010, 020, 030	1,2,4,5	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	20.11/.792	F820	1442AL IH
	3	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	22.73/.895	F820	1443AL IH
	THRUST	<i>Chamfered. Superceded by 1T1822A.</i>					
1T2849A STD		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH
	CAMS						
3C3120 STD	1	48.033/1.8911 48.058/1.8920	51.120/2.0126 50.150/1.9744	1.530/.0602	14.20/.559	F820	3120
	2	43.853/1.7265 43.880/1.7276	46.920/1.8472 46.950/1.8484	1.530/.0602	16.00/.630	F820	3121
	3	36.875/1.4518 36.900/1.4528	39.962/1.5733 39.992/1.5745	1.530/.0602	15.00/.591	F820	3122
	PISTON PIN BUSH	<i>Set of 4.</i>					
4RB4162					25.10/.988	F100	4RB4162
	PISTON PIN BUSH						
RB4162		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

8	Engine	Year	Cyl	Bore x Stroke	8
	146 A8.000 1372cc Inline4 SOHC 2v Turbo	10/1988 - 08/2000	L4	80.5mm x 67.4mm	
	146 A8.046 1372cc Inline4 SOHC 2v Turbo	09/1989 - 09/1993	L4	80.5mm x 67.4mm	
	146 C1.000 1372cc Inline4 SOHC 2v	09/1989 - 12/1993	L4	80.5mm x 67.4mm	
	146 C5.000 1372cc Inline4 SOHC 2v	11/1992 - 05/2001	L4	80.5mm x 67.4mm	
	146 C6.000 1581cc Inline4 SOHC 2v	04/1999 - 06/2010	L4	86.4mm x 67.4mm	
	146 D5.000 1372cc Inline4 SOHC 2v	05/1994 - 05/2001	L4	80.5mm x 67.4mm	
	146 D6.000 1581cc Inline4 SOHC 2v	10/1993 - 05/2001	L4	86.4mm x 67.4mm	
	159 A2.000 1372cc Inline4 SOHC 2v	05/1989 - 08/1996	L4	80.5mm x 67.4mm	
	159 A3.000 1581cc Inline4 SOHC 2v	03/1985 - 12/1996	L4	86.4mm x 67.4mm	
	159 A3.046 1581cc Inline4 SOHC 2v	12/1989 - 08/1996	L4	86.4mm x 67.4mm	
	159 A3.048 1581cc Inline4 SOHC 2v	06/1992 - 08/1996	L4	86.4mm x 67.4mm	
	159 B9.000 1581cc Inline4 SOHC 2v	06/1994 - 08/1996	L4	86.4mm x 67.4mm	
	160 A1.000 1372cc Inline4 SOHC 2v	07/1987 - 12/1989	L4	80.5mm x 67.4mm	
	160 A1.046 1372cc Inline4 SOHC 2v	05/1989 - 08/1996	L4	80.5mm x 67.4mm	
	160 A1.048 1372cc Inline4 SOHC 2v	07/1987 - 10/1992	L4	80.5mm x 67.4mm	
	176 A4.000 1372cc Inline4 SOHC 2v Turbo	01/1994 - 09/1996	L4	80.5mm x 67.4mm	
	176 B6.000 1372cc Inline4 SOHC 2v Turbo	09/1996 - 09/1999	L4	80.5mm x 67.4mm	
	178 B2.000 1372cc Inline4 4v	04/1996 - 06/2002	L4	80.5mm x 67.4mm	
	178 B2.016 1372cc Inline4 4v	04/1996 - 09/2001	L4	80.5mm x 67.4mm	
	178 B3.000 1581cc Inline4 DOHC 4v	04/1996 - On	L4	86.4mm x 67.4mm	
	178 C7.098 1581cc Inline4 DOHC 4v	07/1997 - 10/2003	L4	86.4mm x 67.4mm	
	178 D2.011 1581cc Inline4 DOHC 4v	07/1997 - 10/2003	L4	86.4mm x 67.4mm	
	182 A4.000 1581cc Inline4 DOHC 4v	09/1996 - 06/2010	L4	86.4mm x 67.4mm	
	182 A6.000 1581cc Inline4 DOHC 4v	10/1995 - 10/2001	L4	86.4mm x 67.4mm	
	182 B5.098 1581cc Inline4 DOHC 4v	09/2000 - 08/2002	L4	86.4mm x 67.4mm	
	182 B6.000 1596cc Inline4 DOHC 4v	01/1999 - On	L4	80.5mm x 78.4mm	
	185 A3.000 1581cc Inline4 DOHC 4v	04/1997 - 05/2002	L4	86.4mm x 67.4mm	
	186 A3.000 1581cc Inline4 DOHC 4v	04/1999 - 06/2010	L4	86.4mm x 67.4mm	
	186 A4.000 1581cc Inline4 DOHC 4v	04/1999 - 06/2010	L4	86.4mm x 67.4mm	
	220 A2.000 1581cc Inline4 SOHC 2v	02/1996 - 12/2006	L4	86.4mm x 67.4mm	
	835 C1.000 1581cc Inline4 SOHC 2v	10/1990 - 08/1996	L4	86.4mm x 67.4mm	
	836 A4.000 1372cc Inline4 SOHC 2v	05/1989 - 08/1996	L4	80.5mm x 67.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>3 oil holes.</i>							
4B1441A STD, 010, 020, 030		45.508/1.7916	48.629/1.9145	1.547/.0609	19.20/.756	F810	1441A IH
		45.528/1.7924	48.646/1.9152				
5M1028A STD, .25, .50	1,2,4,5	50.780/1.9992	54.507/2.1459	1.849/.0728	20.25/.797	F810	1028A IH
		50.800/2.0000	54.520/2.1465				
	3	50.780/1.9992	54.507/2.1459	1.849/.0728	22.75/.896	F810	1029A IH
		50.800/2.0000	54.520/2.1465				
1T2849A STD	THRUST	<i>Chamfered. Superseded by 1T1822A.</i>			2.36/.093	F817	2849T IH
		56.610/2.2287	69.596/2.7400				
4RB4162	PISTON PIN BUSH	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
RB4162	PISTON PIN BUSH	21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162
		21.641/.8520	23.972/.9438				

9	Engine	Year	Cyl	Bore x Stroke	9
	834 G.000 2492cc V6 SOHC 2v	06/1993 - 08/1996	V6	88.0mm x 63.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2875P STD, .25		51.980/2.0465	55.511/2.1855	1.749/.0689	19.10/.752	F780	2875 IH
		52.000/2.0472	55.524/2.1860				



9 Continued ...							9
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4M2874P STD, .25	MAINS 1,2,3,4	59.951/2.3603	63.657/2.5062	1.841/.0725	22.35/.880	F780	2874 IH
		59.971/2.3611	63.676/2.5069				
1T2874A STD	THRUST				2.36/.093	F817	2874T UL
RB4153	PISTON PIN BUSH	21.994/.8659	25.120/.9890		23.72/.934	F100	RB4153
		22.000/.8661	25.146/.9900				

10 Engine	Year	Cyl	Bore x Stroke	10
182 A2.000 1747cc Inline4 DOHC 4v	10/1995 - 05/2002	L4	82.0mm x 82.7mm	
183 A1.000 1747cc Inline4 DOHC 4v	04/1995 - 05/2005	L4	82.0mm x 82.7mm	
188 A6.000 1747cc Inline4 DOHC 4v	04/1995 - 05/2005	L4	82.0mm x 82.7mm	
192 A4.000 1747cc Inline4 DOHC 4v	10/2001 - 08/2008	L4	82.0mm x 82.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2822A STD, 010, 020	CONROD	<i>Notch 4.37mm wide.</i>		1.534/.0604	19.50/.768	F810	2822A IH
		50.787/1.9995	53.901/2.1221				
		50.807/2.0003	53.913/2.1226				
4B2822P STD, 010, 020	CONROD	<i>Notch 4.37mm wide.</i>		1.534/.0604	19.50/.768	F780	2822 IH
		50.787/1.9995	53.901/2.1221				
		50.807/2.0003	53.913/2.1226				
RACE SERIES 4B2904H STD, .025, .25	CONROD	<i>Notch 4.37mm wide.</i>		1.536/.0605	19.50/.768	F781	2904H IH
		50.787/1.9995	53.897/2.1219				
		50.807/2.0003	53.913/2.1226				
RACE SERIES 4B2904HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.523/.0600	19.50/.768	F781	2904HX IH
		50.787/1.9995	53.897/2.1219				
		50.807/2.0003	53.913/2.1226				
5M1053A STD, 010, 020	MAINS 1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				
		3	52.982/2.0859				
		53.000/2.0866	56.718/2.2330	1.838/.0724	20.75/.817	F810	1054A IH
RB4156	PISTON PIN BUSH	19.993/.7871	22.939/.9031		21.70/.854	F100	RB4156
		20.000/.7874	22.972/.9044				

11 Engine	Year	Cyl	Bore x Stroke	11
182 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	03/1996 - 05/2002	L4	82.0mm x 90.4mm	
182 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel	03/1996 - 05/2002	L4	82.0mm x 90.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2822A STD, 010, 020	CONROD	<i>Notch 4.37mm wide.</i>		1.534/.0604	19.50/.768	F810	2822A IH
		50.787/1.9995	53.901/2.1221				
		50.807/2.0003	53.913/2.1226				
4B2822P STD, 010, 020	CONROD	<i>Notch 4.37mm wide.</i>		1.534/.0604	19.50/.768	F780	2822 IH
		50.787/1.9995	53.901/2.1221				
		50.807/2.0003	53.913/2.1226				
RACE SERIES 4B2904H STD, .025, .25	CONROD	<i>Notch 4.37mm wide.</i>		1.536/.0605	19.50/.768	F781	2904H IH
		50.787/1.9995	53.897/2.1219				
		50.807/2.0003	53.913/2.1226				
RACE SERIES 4B2904HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.523/.0600	19.50/.768	F781	2904HX IH
		50.787/1.9995	53.897/2.1219				
		50.807/2.0003	53.913/2.1226				
5M1053A STD, 010, 020	MAINS 1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				

11 Continued ... 11

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1053A STD, 010, 020	3	52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330	1.838/.0724	20.75/.817	F810	1054A IH
PISTON PIN BUSH							
RB4160			28.939/1.1393 28.972/1.1406		21.70/.854	F100	RB4160

12 Engine Year Cyl Bore x Stroke 12

188 A3.000 1910cc Inline4 SOHC 2v Diesel 09/1999 - 10/2009 L4 82.0mm x 90.4mm
223 A6.000 1910cc Inline4 SOHC 2v Diesel 11/2000 - On L4 82.0mm x 90.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Notch 4.37mm wide.</i>							
4B2822A STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
CONROD <i>Notch 4.37mm wide.</i>							
4B2822P STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH
RACE SERIES CONROD							
4B2904H STD, .025, .25		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH
RACE SERIES CONROD <i>0.001" extra oil clearance on STD journal.</i>							
4B2904HX STD		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.523/.0600	19.50/.768	F781	2904HX IH
MAINS							
5M1053A STD, 010, 020	1,2,4,5 3	52.982/2.0859 53.000/2.0866 52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330 56.705/2.2325 56.718/2.2330	1.843/.0726 1.838/.0724	20.75/.817 20.75/.817	F810 F810	1053A IH 1054A IH

13 Engine Year Cyl Bore x Stroke 13

131 A6.000 1297cc Inline4 2v 10/1974 - 09/1981 L4 76.0mm x 71.6mm
131 B.000 1297cc Inline4 SOHC 2v 03/1978 - 12/1980 L4 76.0mm x 71.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>This part has 2 holes.</i>							
4B1022A STD, .25, .50		48.224/1.8986 48.244/1.8994	51.330/2.0209 51.346/2.0215	1.540/.0606	19.50/.768	F810	1022A IH
CONROD <i>This part has 3 holes.</i>							
4B1023A STD, .25, .50		48.224/1.8986 48.244/1.8994	51.330/2.0209 51.346/2.0215	1.530/.0602	19.50/.768	F810	1023A IH
MAINS							
5M2826A STD, .25, .50, .75, 1.00	1,2,4,5 3	52.984/2.0860 53.005/2.0868 52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338 56.716/2.2329 56.738/2.2338	1.843/.0726 1.843/.0726	20.75/.817 24.25/.955	F820 F820	2826A IH 2827A IH
THRUST							
1T2827A STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
CAMS							
3C3120 STD	1 2 3	48.033/1.8911 48.058/1.8920 43.853/1.7265 43.880/1.7276 36.875/1.4518 36.900/1.4528	51.120/2.0126 50.150/1.9744 46.920/1.8472 46.950/1.8484 39.962/1.5733 39.992/1.5745	1.530/.0602 1.530/.0602 1.530/.0602	14.20/.559 16.00/.630 15.00/.591	F820 F820 F820	3120 3121 3122
AUX							
2BS3134 STD, UNB				1.526/.0601	16.60/.654	F820	3134



13 Continued ...								13
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
2BS3134 STD, UNB				1.526/.0601	15.10/.595	F820	3135	
PISTON PIN BUSH								
RB4162		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162	
14 Engine				Year	Cyl	Bore x Stroke	14	
131 AZ.000 1438cc Inline4 SOHC 2v				06/1976 - 06/1982	L4	80.0mm x 71.5mm		
131 B1.000 1585cc Inline4 DOHC 2v				03/1979 - 03/1982	L4			
131 BZ.000 1438cc Inline4 2v				06/1976 - 06/1982	L4	80.0mm x 71.5mm		
131 C.000 1367cc Inline4 SOHC 2v				11/1980 - 01/1984	L4	78.0mm x 71.5mm		
131 C1.000 1367cc Inline4 SOHC 2v				11/1980 - 01/1984	L4	78.0mm x 71.5mm		
131 C2.000 1585cc Inline4 SOHC 2v				11/1976 - 04/1985	L4	84.0mm x 71.5mm		
131 C3.000 1585cc Inline4 SOHC 2v				03/1978 - 01/1984	L4	84.0mm x 71.5mm		
131 FZ 1438cc Inline4 2v				06/1976 - 06/1982	L4	80.0mm x 71.5mm		
132 C.000 1585cc Inline4 DOHC 2v				01/1976 - 12/1982	L4	84.0mm x 71.5mm		
132 C6.000 1585cc Inline4 2v				03/1977 - 12/1981	L4	84.0mm x 71.5mm		
132 CB.0A.0 1585cc Inline4 DOHC 2v				04/1972 - 12/1981	L4	84.0mm x 71.5mm		
132 D.000 1585cc Inline4 DOHC 2v				04/1981 - 12/1985	L4	84.0mm x 71.5mm		
138 AR.000 1585cc Inline4 DOHC 2v				05/1981 - 12/1987	L4	84.0mm x 71.5mm		
138 AR.048 1585cc Inline4 DOHC 2v				05/1985 - 12/1987	L4	84.0mm x 71.5mm		
149 A.000 1585cc Inline4 2v				10/1983 - 06/1990	L4	84.0mm x 71.5mm		
149 A2.000 1585cc Inline4 2v				10/1983 - 12/1990	L4	84.0mm x 71.5mm		
149 A4.000 1585cc Inline4 2v				01/1983 - 12/1990	L4	84.0mm x 71.5mm		
149 C2.000 1585cc Inline4 2v				09/1985 - 07/1989	L4	84.0mm x 71.5mm		
149 C2.046 1585cc Inline4 2v				02/1988 - 05/1991	L4	84.0mm x 71.5mm		
149 C3.000 1585cc Inline4 2v				10/1983 - 12/1990	L4	84.0mm x 71.5mm		
154 A.048 1585cc Inline4 2v				12/1985 - 12/1990	L4	84.0mm x 71.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
<i>This part has 2 holes.</i>								
4B1022A STD, .25, .50		48.224/1.8986	51.330/2.0209	1.540/.0606	19.50/.768	F810	1022A IH	
		48.244/1.8994	51.346/2.0215					
CONROD								
<i>This part has 3 holes.</i>								
4B1023A STD, .25, .50		48.224/1.8986	51.330/2.0209	1.530/.0602	19.50/.768	F810	1023A IH	
		48.244/1.8994	51.346/2.0215					
MAINS								
5M2826A STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH	
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338					
THRUST								
1T2827A STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH	
		59.250/2.3327	73.850/2.9075					
CAMS								
3C3120 STD	1	48.033/1.8911 48.058/1.8920	51.120/2.0126 50.150/1.9744	1.530/.0602	14.20/.559	F820	3120	
	2	43.853/1.7265 43.880/1.7276	46.920/1.8472 46.950/1.8484					
	3	36.875/1.4518 36.900/1.4528	39.962/1.5733 39.992/1.5745	1.530/.0602	15.00/.591	F820	3122	
AUX								
2BS3134 STD, UNB				1.526/.0601	15.10/.595	F820	3135	
				1.526/.0601	16.60/.654	F820	3134	
PISTON PIN BUSH								
<i>Set of 4.</i>								
4RB4162					25.10/.988	F100	4RB4162	

14 Continued ... 14

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4162		21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162
		21.641/.8520	23.972/.9438				

15 Engine 15

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
131 A1.000 1585cc Inline4 2v				Year	Cyl	Bore x Stroke	
131 AB.1A.0 1585cc Inline4 2v				10/1974 - 09/1981	L4	84.0mm x 71.5mm	
				01/1974 - On	L4	84.0mm x 71.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
<i>This part has 2 holes.</i>								
4B1022A STD, .25, .50		48.224/1.8986	51.330/2.0209	1.540/.0606	19.50/.768	F810	1022A IH	
		48.244/1.8994	51.346/2.0215					
CONROD								
<i>This part has 3 holes.</i>								
4B1023A STD, .25, .50		48.224/1.8986	51.330/2.0209	1.530/.0602	19.50/.768	F810	1023A IH	
		48.244/1.8994	51.346/2.0215					
MAINS								
5M2826A STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860	56.716/2.2329	1.843/.0726	20.75/.817	F820	2826A IH	
		53.005/2.0868	56.738/2.2338					
		3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
			53.005/2.0868	56.738/2.2338				
THRUST								
1T2827A STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH	
		59.250/2.3327	73.850/2.9075					
CAMS								
3C3120 STD	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120	
		48.058/1.8920	50.150/1.9744					
		2	43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121
			43.880/1.7276	46.950/1.8484				
		3	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820	3122
			36.900/1.4528	39.992/1.5745				
AUX								
2BS3134 STD, UNB				1.526/.0601	15.10/.595	F820	3135	
				1.526/.0601	16.60/.654	F820	3134	
PISTON PIN BUSH								
RB4159		21.539/.8480	25.000/.9843		25.10/.988	F100	RB4159	
		21.641/.8520	25.021/.9851					

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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
132 AZ2.000 1995cc Inline4 2v				Year	Cyl	Bore x Stroke	
				10/1975 - 07/1982	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
<i>This part has 2 holes.</i>								
4B1022A STD, .25, .50		48.224/1.8986	51.330/2.0209	1.540/.0606	19.50/.768	F810	1022A IH	
		48.244/1.8994	51.346/2.0215					
CONROD								
<i>This part has 3 holes.</i>								
4B1023A STD, .25, .50		48.224/1.8986	51.330/2.0209	1.530/.0602	19.50/.768	F810	1023A IH	
		48.244/1.8994	51.346/2.0215					
MAINS								
5M2826A STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860	56.716/2.2329	1.843/.0726	20.75/.817	F820	2826A IH	
		53.005/2.0868	56.738/2.2338					
		3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
			53.005/2.0868	56.738/2.2338				
THRUST								
1T2827A STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH	
		59.250/2.3327	73.850/2.9075					



16 Continued ...							16
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CAMS							
3C3120 STD	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120
		48.058/1.8920	50.150/1.9744				
	2	43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121
		43.880/1.7276	46.950/1.8484				
		3	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820
		36.900/1.4528	39.992/1.5745				
4RB4162	PISTON PIN BUSH		<i>Set of 4.</i>				
					25.10/.988	F100	4RB4162
RB4162	PISTON PIN BUSH						
			21.539/.8480	23.939/.9425		25.10/.988	F100
		21.641/.8520	23.972/.9438				

17	Engine	Year	Cyl	Bore x Stroke	17
	138 A5.000 1714cc Inline4 SOHC 2v Diesel	10/1979 - 09/1982	L4	83.0mm x 79.2mm	
	138 B5.000 1714cc Inline4 SOHC 2v Diesel	03/1980 - 04/1985	L4	83.0mm x 79.2mm	
	138 B6.000 1714cc Inline4 SOHC 2v Diesel	10/1982 - 12/1986	L4	83.0mm x 79.2mm	
	138 C.000 1698cc Inline4 SOHC 2v Diesel	05/1985 - 12/1987	L4	82.6mm x 79.2mm	
	146 B2.000 1698cc Inline4 SOHC 2v Diesel	01/1988 - 10/1999	L4	82.6mm x 79.2mm	
	149 A1.000 1929cc Inline4 SOHC 2v Diesel	04/1984 - 08/1996	L4	82.6mm x 90.0mm	
	149 B1.000 1929cc Inline4 SOHC 2v Diesel	02/1987 - 03/1994	L4	82.6mm x 90.0mm	
	149 B2.000 1698cc Inline4 SOHC 2v Diesel	01/1988 - 10/1993	L4	82.6mm x 79.2mm	
	149 B3.000 1698cc Inline4 SOHC 2v Diesel	01/1984 - 05/2000	L4	82.6mm x 79.2mm	
	149 B4.000 1698cc Inline4 SOHC 2v Diesel	01/1988 - 10/1995	L4	82.6mm x 79.2mm	
	149 B4.046 1698cc Inline4 SOHC 2v Diesel	02/1988 - 02/1992	L4	82.6mm x 79.2mm	
	160 A7.000 1929cc Inline4 SOHC 2v Diesel	07/1991 - 10/2001	L4	82.6mm x 90.0mm	
	176 B3.000 1698cc Inline4 SOHC 2v Diesel	04/1994 - 02/2000	L4	82.6mm x 79.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Oil holes at 75 deg and 105 deg.</i>							
4B2825A STD, .25, .50, .75		50.782/1.9993	53.897/2.1219	1.536/.0605	19.50/.768	F810	2825A IH
		50.802/2.0001	53.913/2.1226				
MAINS							
5M2826A STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860	56.716/2.2329	1.843/.0726	20.75/.817	F820	2826A IH
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
		53.005/2.0868	56.738/2.2338				
THRUST							
1T2827A STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				
PISTON PIN BUSH							
RB4158		25.004/.9844	26.939/1.0606		25.40/1.000	F100	RB4158
		25.010/.9846	26.972/1.0619				

18	Engine	Year	Cyl	Bore x Stroke	18
	124 B3.000 1585cc Inline4 2v	10/1975 - 07/1982	L4	84.0mm x 71.5mm	
	131 B2.000 1995cc Inline4 DOHC 2v	06/1978 - 03/1981	L4	84.0mm x 90.0mm	
	131 C4.000 1995cc Inline4 DOHC 2v	01/1981 - 12/1984	L4	84.0mm x 90.0mm	
	132 B2.000 1995cc Inline4 DOHC 2v	06/1978 - 08/1983	L4	84.0mm x 90.0mm	
	132 C2.031 1995cc Inline4 2v	03/1976 - 05/1981	L4	84.0mm x 90.0mm	
	132 C2.040 1995cc Inline4 2v	03/1976 - 05/1981	L4	84.0mm x 90.0mm	
	132 DB.2A.O 1995cc Inline4 2v	03/1976 - 05/1981	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Oil holes at 75 deg and 105 deg.</i>							
4B2825A STD, .25, .50, .75		50.782/1.9993	53.897/2.1219	1.536/.0605	19.50/.768	F810	2825A IH
		50.802/2.0001	53.913/2.1226				

18 Continued ... 18

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M2826A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	24.25/.955	F820	2827A IH
	THRUST	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
1T2827A STD							
4RB4162	PISTON PIN BUSH	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
RB4162	PISTON PIN BUSH	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

19 Engine Year Cyl Bore x Stroke 19

132 C2.000 1995cc Inline4 DOHC 2v	01/1976 - 12/1985	L4	84.0mm x 90.0mm
132 C3.000 1995cc Inline4 2v	01/1980 - 07/1986	L4	84.0mm x 90.0mm
132 C3.031 1995cc Inline4 2v	03/1982 - 11/1985	L4	84.0mm x 90.0mm
132 C3.040 1995cc Inline4 2v	03/1982 - 11/1985	L4	84.0mm x 90.0mm
132 D1.000 1995cc Inline4 2v	06/1978 - 12/1985	L4	84.0mm x 90.0mm
138 AR1.000 1995cc Inline4 2v	11/1981 - 12/1987	L4	84.0mm x 90.0mm
138 AR2.000 1995cc Inline4 2v	04/1983 - 12/1987	L4	84.0mm x 90.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2825A STD, .25, .50, .75	CONROD	<i>Oil holes at 75 deg and 105 deg.</i>					
		50.782/1.9993 50.802/2.0001	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F810	2825A IH
5M2826A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	24.25/.955	F820	2827A IH
	THRUST	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
1T2827A STD							
4RB4162	PISTON PIN BUSH	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
RB4159	PISTON PIN BUSH	21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159
RB4162	PISTON PIN BUSH	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

20 Engine Year Cyl Bore x Stroke 20

230 A2.000 1929cc Inline4 SOHC 2v Diesel	03/1994 - 04/2002	L4	82.6mm x 90.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2822A STD, 010, 020	CONROD	<i>Notch 4.37mm wide.</i>					
		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
4B2822P STD, 010, 020	CONROD	<i>Notch 4.37mm wide.</i>					
		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH
4B2872A STD, .25, .50, .75	CONROD	<i>Notch 4.57mm wide.</i>					
		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.919/2.1228	1.536/.0605	19.50/.768	F810	2872A IH



20		Continued ...						20
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	CONROD	<i>Notch 4.57mm wide.</i>						
4B2872P STD, .25, .50, .75		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.919/2.1228	1.536/.0605	19.50/.768	F780	2872 IH	
RACE SERIES 4B2904H STD, .025, .25	CONROD	50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH	
RACE SERIES 4B2904HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>						
		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.523/.0600	19.50/.768	F781	2904HX IH	
5M2826A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH	
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	24.25/.955	F820	2827A IH	
1T2827A STD	THRUST	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH	
RB4157	PISTON PIN BUSH	26.004/1.0238 26.010/1.0240	27.939/1.1000 27.972/1.1013		25.40/1.000	F100	RB4157	
RB4161	PISTON PIN BUSH	25.500/1.0039 25.640/1.0094	27.939/1.1000 27.972/1.1013		23.80/.937	F100	RB4161	

21		Engine				Year	Cyl	Bore x Stroke	21
		154 C3.000 1995cc Inline4 2v		03/1987 - 09/1992		L4	84.0mm x 90.0mm		
		154 C3.046 1995cc Inline4 2v		10/1987 - 08/1996		L4	84.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
	CONROD	<i>Notch 4.37mm wide.</i>							
4B2822A STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH		
4B2822P STD, 010, 020	CONROD	<i>Notch 4.37mm wide.</i>							
		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH		
RACE SERIES 4B2904H STD, .025, .25	CONROD	50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH		
RACE SERIES 4B2904HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>							
		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.523/.0600	19.50/.768	F781	2904HX IH		
5M2826A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH		
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	24.25/.955	F820	2827A IH		
1T2827A STD	THRUST	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH		
RB4159	PISTON PIN BUSH	21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159		

22	Engine	Year	Cyl	Bore x Stroke	22
	159 A4.000 1756cc Inline4 DOHC 2v	03/1990 - 08/1996	L4	84.0mm x 79.2mm	
	159 A4.046 1756cc Inline4 DOHC 2v	10/1990 - 08/1996	L4	84.0mm x 79.2mm	
	835 C2.000 1756cc Inline4 DOHC 2v	04/1993 - 08/1996	L4	84.0mm x 79.2mm	
	835 C4.000 1756cc Inline4 DOHC 2v	09/1993 - 08/1996	L4	84.0mm x 79.2mm	
	836 A5.000 1756cc Inline4 DOHC 2v	03/1993 - 08/1996	L4	84.0mm x 79.2mm	
	836 A6.000 1756cc Inline4 DOHC 2v	03/1993 - 08/1996	L4	84.0mm x 79.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1049A STD, .25, .50		50.792/1.9997	53.892/2.1217	1.537/.0605	19.50/.768	F810	1049A IH
		50.805/2.0002	53.910/2.1224				
MAINS							
5M2826A STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860	56.716/2.2329	1.843/.0726	20.75/.817	F820	2826A IH
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
53.005/2.0868	56.738/2.2338						
THRUST							
1T2827A STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				
PISTON PIN BUSH							
RB4163		28.002/1.1024	30.000/1.1811		25.25/.994	F100	RB4163
		28.010/1.1028	30.021/1.1819				

23	Engine	Year	Cyl	Bore x Stroke	23
	834 B.000 1995cc Inline DOHC 2v	03/1987 - 09/1992	L4	84.0mm x 90.0mm	
	834 B.048 1995cc Inline4 DOHC 2v	03/1986 - 09/1990	L4	84.0mm x 90.0mm	
	834 B.146 1995cc Inline4 DOHC 2v	10/1987 - 08/1996	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1049A STD, .25, .50		50.792/1.9997	53.892/2.1217	1.537/.0605	19.50/.768	F810	1049A IH
		50.805/2.0002	53.910/2.1224				
MAINS							
5M2826A STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860	56.716/2.2329	1.843/.0726	20.75/.817	F820	2826A IH
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
53.005/2.0868	56.738/2.2338						
THRUST							
1T2827A STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				
PISTON PIN BUSH							
RB4159		21.539/.8480	25.000/.9843		25.10/.988	F100	RB4159
		21.641/.8520	25.021/.9851				

24	Engine	Year	Cyl	Bore x Stroke	24
	159 A5.046 1995cc Inline4 DOHC 2v	06/1990 - 03/1992	L4	84.0mm x 90.0mm	
	159 A6.046 1995cc Inline4 DOHC 2v	10/1990 - 08/1996	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2840A STD, .25, .50		50.787/1.9995	53.892/2.1217	1.537/.0605	19.50/.768	F810	2840A IH
		50.807/2.0003	53.910/2.1224				
MAINS							
5M2826A STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860	56.716/2.2329	1.843/.0726	20.75/.817	F820	2826A IH
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
53.005/2.0868	56.738/2.2338						
THRUST							
1T2827A STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				



24	Continued ...							24
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	

PISTON PIN BUSH							
RB4159		21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159

25	Engine	Year	Cyl	Bore x Stroke	25			
	831 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	12/1985 - 07/1989	L4	82.6mm x 90.0mm				

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B2840A STD, .25, .50		50.787/1.9995 50.807/2.0003	53.892/2.1217 53.910/2.1224	1.537/.0605	19.50/.768	F810	2840A IH
MAINS							
5M2834A STD, .25, .50	1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
RACE SERIES							
MAINS							
5M2908H STD, .025, .25	1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
RACE SERIES							
MAINS							
5M2908HX STD	1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
THRUST							
1T2827A STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
PISTON PIN BUSH							
RB4158		25.004/.9844 25.010/.9846	26.939/1.0606 26.972/1.0619		25.40/1.000	F100	RB4158

26	Engine	Year	Cyl	Bore x Stroke	26			
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182 B4.000 1910cc Inline4 SOHC 2v Turbo Diesel	12/1998 - 06/2010	L4	82.0mm x 90.4mm				
182 B9.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/1996 - On	L4	82.0mm x 90.4mm				
185 B4.000 1910cc Inline4 SOHC 2v Turbo Diesel	03/1999 - 09/2002	L4	82.0mm x 90.4mm				
186 A6.000 1910cc Inline4 SOHC 2v Turbo Diesel	01/2001 - 07/2002	L4	82.0mm x 82.0mm				
186 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel	07/2002 - 06/2010	L4	82.0mm x 90.4mm				
186 A9.000 1910cc Inline4 DOHC 4v Turbo Diesel	04/2002 - On	L4	82.0mm x 90.4mm				
188 A2.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/1999 - On	L4	82.0mm x 90.4mm				
188 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	05/1999 - On	L4	82.0mm x 90.4mm				
188 B2.000 1910cc Inline4 DOHC 4v Turbo Diesel	01/2004 - On	L4	82.0mm x 90.4mm				
192 A1.000 1910cc Inline4 SOHC 2v Turbo Diesel	10/2001 - 08/2008	L4	82.0mm x 90.4mm				
192 A3.000 1910cc Inline4 4v Turbo Diesel	01/2003 - 08/2008	L4	82.0mm x 90.4mm				
199 A5.000 1910cc Inline4 SOHC 2v Turbo Diesel	10/2005 - On	L4	82.0mm x 90.4mm				
223 A7.000 1910cc Inline4 DOHC 4v Turbo Diesel	07/2003 - On	L4	82.0mm x 90.4mm				
223 B1.000 1910cc Inline4 DOHC 4v Turbo Diesel	07/2003 - On	L4	82.0mm x 90.4mm				
223 B2.000 1910cc Inline4 DOHC 4v Turbo Diesel	10/2001 - On	L4	82.0mm x 90.4mm				
939 A1.000 1910cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	82.0mm x 90.4mm				
939 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	82.0mm x 90.4mm				
D19AA 1910cc Inline4 SOHC 2v Turbo Diesel	06/2006 - On	L4	82.0mm x 90.4mm				

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
<i>Contains one pair only.</i>							
1B2830P STD, 010, 020		50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
CONROD							
4B2819P STD, 010, 020		50.787/1.9995 50.805/2.0002	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2819 IH

26 Continued ... 26

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2830P STD, 010, 020	CONROD	50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
5M2885A STD, .25, .50	MAINS 1,2,3,4,5	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2885A IH
		60.000/2.3622	63.718/2.5086				
1T2884A STD	THRUST	67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
RB4160	PISTON PIN BUSH		28.939/1.1393		21.70/.854	F100	RB4160
			28.972/1.1406				

27 Engine Year Cyl Bore x Stroke 27

192 A5.000 1910cc Inline4 4v Turbo Diesel	01/2004 - 08/2008	L4	82.0mm x 90.4mm
192 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2005 - On	L4	82.0mm x 90.4mm
192 A9.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2005 - 08/2008	L4	82.0mm x 90.4mm
192 B1.000 1910cc Inline4 4v Turbo Diesel	04/2004 - 08/2008	L4	82.0mm x 90.4mm
192 B5.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2004 - 12/2008	L4	82.0mm x 90.4mm
937 A4.000 1910cc Inline4 4v Turbo Diesel	09/2003 - 08/2008	L4	82.0mm x 90.4mm
937 A5.000 1910cc Inline4 4v Turbo Diesel	09/2005 - On	L4	82.0mm x 90.4mm
939 A2.000 1910cc Inline4 4v Turbo Diesel	06/2005 - On	L4	82.0mm x 90.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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1B2830P STD, 010, 020	CONROD	<i>Contains one pair only.</i>		1.537/.0605	19.50/.768	F780	2830 IH
		50.787/1.9995	53.897/2.1219				
4B2830P STD, 010, 020	CONROD	50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
5M2884A STD, .25, .50	MAINS	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2884A UL
		60.000/2.3622	63.718/2.5086				
1T2884A STD	THRUST	67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
RB4160	PISTON PIN BUSH		28.939/1.1393		21.70/.854	F100	RB4160
			28.972/1.1406				

28 Engine Year Cyl Bore x Stroke 28

937 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	10/2001 - 08/2008	L4	82.0mm x 90.4mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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1B2830P STD, 010, 020	CONROD	<i>Contains one pair only.</i>		1.537/.0605	19.50/.768	F780	2830 IH
		50.787/1.9995	53.897/2.1219				
4B2830P STD, 010, 020	CONROD	50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
1T2884A STD	THRUST	67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
RB4160	PISTON PIN BUSH		28.939/1.1393		21.70/.854	F100	RB4160
			28.972/1.1406				



29 Engine		Year		Cyl	Bore x Stroke		29
8035.05.215 2931cc Inline3 2v Diesel		01/1983 - On		L3	104.0mm x 115.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Contains one pair only.</i>							
1B2830P STD, .010, .020		50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
MAINS							
6M2885A STD, .25, .50	1,2,3,4,5,6	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2885A IH
		60.000/2.3622	63.718/2.5086				
THRUST							
1T2884A STD		67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
PISTON PIN BUSH							
RB4160			28.939/1.1393		21.70/.854	F100	RB4160
			28.972/1.1406				

30 Engine		Year		Cyl	Bore x Stroke		30
185 A2.000 2387cc Inline5 SOHC 2v Turbo Diesel		09/1996 - 04/1999		L5	82.0mm x 90.4mm		
185 A6.000 2387cc Inline5 SOHC 2v Turbo Diesel		04/1999 - 05/2002		L5	82.0mm x 90.4mm		
839 A5.000 2387cc Inline5 SOHC 2v Turbo Diesel		04/1999 - 05/2002		L4	82.0mm x 90.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Contains one pair only.</i>							
1B2830P STD, .010, .020		50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
CONROD							
5B2819P STD, .010, .020		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F780	2819 IH
		50.805/2.0002	53.913/2.1226				
CONROD							
5B2830P STD, .010, .020		50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
MAINS							
6M2885A STD, .25, .50	1,2,3,4,5,6	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2885A IH
		60.000/2.3622	63.718/2.5086				
THRUST							
1T2884A STD		67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
PISTON PIN BUSH							
RB4160			28.939/1.1393		21.70/.854	F100	RB4160
			28.972/1.1406				

31 Engine		Year		Cyl	Bore x Stroke		31
175 A3.000 1998cc Inline5 SOHC 2v Turbo		08/1996 - 08/2000		L5	82.0mm x 75.7mm		
182 A1.000 1998cc Inline5 DOHC 4v		10/1995 - 04/1999		L5	82.0mm x 75.7mm		
182 B7.000 1998cc Inline5 DOHC 4v		09/1998 - 02/2003		L5	82.0mm x 75.7mm		
185 A8.000 1998cc Inline5 DOHC 4v		01/2001 - 05/2002		L5	82.0mm x 75.7mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
5B1048A STD, .010		48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F810	1048A IH
		48.244/1.8994	51.366/2.0223				
CONROD							
5B1048P STD, .010		48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F780	1048 IH
		48.244/1.8994	51.366/2.0223				
MAINS							
6M2885A STD, .25, .50	1,2,3,4,5,6	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2885A IH
		60.000/2.3622	63.718/2.5086				
THRUST							
1T2884A STD		67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				

31 Continued ...							31
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

PISTON PIN BUSH							
RB4156		19.993/.7871 20.000/.7874	22.939/.9031 22.972/.9044		21.70/.854	F100	RB4156

32 Engine		Year	Cyl	Bore x Stroke	32
M717 AT.24.T 2466cc Inline5 2v Turbo Diesel		09/1996 - On	L5	82.0mm x 90.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD		<i>Notch 4.37mm wide.</i>					
5B2822A STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
CONROD		<i>Notch 4.37mm wide.</i>					
5B2822P STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH
MAINS							
6M2885A STD, .25, .50	1,2,3,4,5,6	59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817	F810	2885A IH
THRUST							
1T2884A STD		67.785/2.6687 68.040/2.6787	82.425/3.2451 82.677/3.2550		2.49/.098	F817	2884T UL
PISTON PIN BUSH							
RB4156		19.993/.7871 20.000/.7874	22.939/.9031 22.972/.9044		21.70/.854	F100	RB4156

33 Engine		Year	Cyl	Bore x Stroke	33
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127 A1.000 1049cc Inline4 SOHC 2v		07/1978 - 02/1982	L4	76.0mm x 57.8mm	
127 A3.000 1301cc Inline4 SOHC 2v		12/1981 - 05/1983	L4	76.0mm x 71.5mm	
127 A5.000 1301cc Inline4 SOHC 2v		04/1981 - 10/1992	L4	76.0mm x 71.5mm	
127 A6.000 1049cc Inline4 SOHC 2v		09/1978 - 09/1982	L4	76.0mm x 57.8mm	
146 A2.166 994cc Inline4 SOHC 2v		09/1989 - 05/2000	L4	76.0mm x 54.8mm	
146 A5.000 1301cc Inline4 SOHC 2v		01/1986 - 12/1994	L4	86.4mm x 55.5mm	
146 A6.000 1116cc Inline4 SOHC 2v		01/1986 - 02/1992	L4	80.0mm x 55.5mm	
146 A9.000 1116cc Inline4 SOHC 2v		11/1986 - 12/1993	L4	80.0mm x 55.5mm	
146 B1.000 1301cc Inline4 SOHC 2v		06/1983 - 03/1992	L4	76.0mm x 71.5mm	
146 C7.000 994cc Inline4 SOHC 2v		09/1989 - 09/1992	L4	76.0mm x 54.8mm	
156 A.000 1049cc Inline4 SOHC 2v		12/1986 - 04/1988	L4	76.0mm x 57.8mm	
156 A5.000 1301cc Inline4 SOHC 2v		04/1986 - 12/1992	L4	76.1mm x 71.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B1018A STD, .25, .50		43.988/1.7318 44.008/1.7326	47.130/1.8555 47.142/1.8560	1.550/.0610	18.50/.728	F810	1018A IH
MAINS							
5M1020A STD, .25, .50	1,2,4,5	48.189/1.8972 48.209/1.8980	51.921/2.0441 51.934/2.0446	1.841/.0725	17.65/.695	F810	1020A IH
	3	48.189/1.8972 48.209/1.8980	51.921/2.0441 51.934/2.0446	1.841/.0725	25.25/.994	F810	1021A IH
CAMS							
1C3124 STD, UNB				1.495/.0589	22.00/.866	F820	3124
AUX							
2BS3128 STD, UNB		38.393/1.5115 38.418/1.5125 36.893/1.4525 36.918/1.4535	41.500/1.6339 41.530/1.6350 39.975/1.5738 40.000/1.5748	1.528/.0602	14.70/.579	F820	3128
				1.528/.0602	14.70/.579	F820	3129
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4162					25.10/.988	F100	4RB4162



33 Continued ...							33
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4162		21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162
		21.641/.8520	23.972/.9438				

34 Engine				Year	Cyl	Bore x Stroke	34
B 25.637 2499cc Inline4 2v Diesel				01/1989 - On	L4	93.0mm x 92.0mm	
CRD93L (U25-661) 2499cc Inline4 2v Diesel				01/1982 - 08/1990	L4	93.0mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

CONROD							
4B3062A STD, .25, .50		53.990/2.1256	57.675/2.2707	1.826/.0719	24.50/.965	F810	3062A UL
		54.005/2.1262	57.685/2.2711				
MAINS							
5M3064A STD, .25, .50	1,2,3,4,5	67.035/2.6392	71.695/2.8226	2.317/.0912	28.70/1.130	F810	3064A IH
		67.050/2.6398	71.705/2.8230				
THRUST							
2T3064A STD		75.500/2.9724	89.000/3.5039		3.14/.124	F817	3064T UL
		75.750/2.9823	89.100/3.5079				
THRUST							
2T3065A STD					3.14/.124	F817	3065T UL
PISTON PIN BUSH							
RB4165		30.008/1.1814	33.000/1.2992		31.90/1.256	F100	RB4165
		30.014/1.1817	33.033/1.3005				

35 Engine				Year	Cyl	Bore x Stroke	35
182 A3.000 1370cc Inline4 3v				10/1995 - 05/2002	L4	82.0mm x 64.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

CONROD							
4B1047A STD, 010		40.870/1.6091	44.000/1.7323	1.543/.0607	19.10/.752	F810	1047A IH
		40.890/1.6098	44.012/1.7328				
MAINS							
5M1053A STD, 010, 020	1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				
	3	52.982/2.0859	56.705/2.2325	1.838/.0724	20.75/.817	F810	1054A IH
53.000/2.0866	56.718/2.2330						
PISTON PIN BUSH							
RB4156		19.993/.7871	22.939/.9031		21.70/.854	F100	RB4156
		20.000/.7874	22.972/.9044				

36 Engine				Year	Cyl	Bore x Stroke	36
124 BL.016 1197cc Inline4 OHV 2v				01/1970 - 12/1976	L4	73.0mm x 71.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

CONROD							
<i>3 oil holes.</i>							
4B1441A STD, 010, 020, 030		45.508/1.7916	48.629/1.9145	1.547/.0609	19.20/.756	F810	1441A IH
		45.528/1.7924	48.646/1.9152				
CONROD							
<i>2 oil holes.</i>							
4B1444A STD, .25, .50		45.508/1.7916	48.629/1.9145	1.538/.0606	19.20/.756	F810	1444A IH
		45.528/1.7924	48.646/1.9152				
MAINS							
5M1442A STD, 010, 020, 030	1,2,4,5	50.749/1.9980	54.506/2.1459	1.831/.0721	20.11/.792	F820	1442AL IH
		50.775/1.9990	54.518/2.1464				
	3	50.749/1.9980	54.506/2.1459	1.831/.0721	22.73/.895	F820	1443AL IH
50.775/1.9990	54.518/2.1464						
THRUST							
<i>No Chamfer.</i>							
1T1822A STD		56.260/2.2150	69.600/2.7402		2.36/.093	F817	1822T IH
		56.510/2.2248	69.850/2.7500				

36 Continued ...							36
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	THRUST	<i>Chamfered. Superseded by 1T1822A.</i>					
1T2849A STD		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH
	CAMS						
3C3120 STD	1	48.033/1.8911 48.058/1.8920	51.120/2.0126 50.150/1.9744	1.530/.0602	14.20/.559	F820	3120
	2	43.853/1.7265 43.880/1.7276	46.920/1.8472 46.950/1.8484	1.530/.0602	16.00/.630	F820	3121
	3	36.875/1.4518 36.900/1.4528	39.962/1.5733 39.992/1.5745	1.530/.0602	15.00/.591	F820	3122
	AUX						
2BS3118 STD, UNB			35.036/1.3794 35.066/1.3805 38.700/1.5236 38.730/1.5248	1.492/.0587 1.497/.0589	18.00/.709 14.50/.571	F820 F820	3119 3118
	PISTON PIN BUSH	<i>Set of 4.</i>					
4RB4162					25.10/.988	F100	4RB4162
	PISTON PIN BUSH						
RB4162		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

37 Engine				Year	Cyl	Bore x Stroke	37
M733 AT.12.Z (JTD) 1248cc Inline4 DOHC 4v Turbo Diesel				02/2003 - On	L4	69.6mm x 82.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B2890A STD, .25, .50				1.560/.0614	20.00/.787	F810	2890A IH
	CONROD						
4B2890P STD, .25, .50				1.560/.0614	20.00/.787	F780	2890 IH
	MAINS						
5M2894A STD, .25, .50	1,2,3,4,5			1.846/.0727	19.00/.748	F810	2894A UL
	THRUST						
1T2894A STD					2.36/.093	F817	2894T UL
	PISTON PIN BUSH	<i>Set of 4.</i>					
4RB4164 UNB					22.50/.886	F100	4RB4164
	PISTON PIN BUSH						
RB4164 UNB					22.50/.886	F100	RB4164



38 Engine		Year	Cyl	Bore x Stroke	38		
124 AC.000 1438cc Inline4 2v		06/1967 - 07/1975	L4	80.0mm x 71.5mm			
124 B.000 1438cc Inline4 2v		09/1967 - 05/1971	L4	80.0mm x 71.5mm			
124 B2.000 1438cc Inline4 2v		12/1968 - 07/1975	L4	80.0mm x 55.5mm			
124 BL1.016 1438cc Inline4 2v		01/1969 - 12/1977	L4	80.0mm x 71.5mm			
128 A.000 1116cc Inline4 SOHC 2v		03/1969 - 12/1984	L4	80.0mm x 55.5mm			
128 A.048 1116cc Inline4 SOHC 2v		02/1975 - 09/1981	L4	80.0mm x 55.5mm			
128 A.064 1116cc Inline4 SOHC 2v		06/1972 - 12/1993	L4	80.0mm x 55.5mm			
128 A1.000 1290cc Inline4 SOHC 2v		03/1969 - 12/1984	L4	86.0mm x 55.5mm			
128 AC.000 1290cc Inline4 SOHC 2v		03/1972 - 12/1979	L4	86.0mm x 55.5mm			
128 AC5.000 1116cc Inline4 SOHC 2v		03/1972 - 02/1981	L4	80.0mm x 55.5mm			
128 AR.000 1290cc Inline4 SOHC 2v		09/1971 - 02/1976	L4	86.0mm x 55.5mm			
128 AS.000 1290cc Inline4 SOHC 2v		02/1973 - 12/1979	L4	86.0mm x 55.5mm			
128 BB.0A0 1116cc Inline4 SOHC 2v		11/1971 - 12/1979	L4	80.0mm x 55.5mm			
138 AE.0A.0 1116cc Inline4 SOHC 2v		10/1978 - 09/1982	L4	80.0mm x 55.5mm			
138 B.000 1116cc Inline4 SOHC 2v		10/1982 - 08/1989	L4	80.0mm x 55.5mm			
138 B1.000 1116cc Inline4 SOHC 2v		10/1982 - 12/1987	L4	80.0mm x 55.5mm			
138 C1.000 1116cc Inline4 SOHC 2v		10/1982 - 12/1987	L4	80.0mm x 55.5mm			
146 A4.000 1116cc Inline4 SOHC 2v		04/1985 - 08/1989	L4	80.0mm x 55.5mm			
146 A4.044 1116cc Inline4 SOHC 2v		01/1986 - 12/1989	L4	80.0mm x 55.5mm			
146 A4.048 1116cc Inline4 SOHC 2v		04/1985 - 07/1996	L4	80.0mm x 55.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>3 oil holes.</i>							
4B1441A STD, 010, 020, 030		45.508/1.7916	48.629/1.9145	1.547/.0609	19.20/.756	F810	1441A IH
		45.528/1.7924	48.646/1.9152				
CONROD <i>2 oil holes.</i>							
4B1444A STD, .25, .50		45.508/1.7916	48.629/1.9145	1.538/.0606	19.20/.756	F810	1444A IH
		45.528/1.7924	48.646/1.9152				
MAINS							
5M1442A STD, 010, 020, 030	1,2,4,5	50.749/1.9980	54.506/2.1459	1.831/.0721	20.11/.792	F820	1442AL IH
		50.775/1.9990	54.518/2.1464				
	3	50.749/1.9980	54.506/2.1459	1.831/.0721	22.73/.895	F820	1443AL IH
		50.775/1.9990	54.518/2.1464				
THRUST <i>Chamfered. Superseded by 1T1822A.</i>							
1T2849A STD		56.610/2.2287	69.596/2.7400		2.36/.093	F817	2849T IH
		56.864/2.2387	69.850/2.7500				
CAMS							
3C3120 STD	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120
		48.058/1.8920	50.150/1.9744				
	2	43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121
		43.880/1.7276	46.950/1.8484				
	3	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820	3122
		36.900/1.4528	39.992/1.5745				
AUX							
2BS3118 STD, UNB			38.700/1.5236	1.497/.0589	14.50/.571	F820	3118
			38.730/1.5248				
			35.036/1.3794	1.492/.0587	18.00/.709	F820	3119
			35.066/1.3805				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4162					25.10/.988	F100	4RB4162
PISTON PIN BUSH							
RB4162		21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162
		21.641/.8520	23.972/.9438				

39 Engine		Year		Cyl	Bore x Stroke	39	
146 C3.000 1116cc Inline4 SOHC 2v		06/1992 - 12/1993		L4	80.0mm x 55.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>3 oil holes.</i>					
4B1441A STD, 010, 020, 030		45.508/1.7916	48.629/1.9145	1.547/.0609	19.20/.756	F810	1441A IH
		45.528/1.7924	48.646/1.9152				
CONROD		<i>2 oil holes.</i>					
4B1444A STD, .25, .50		45.508/1.7916	48.629/1.9145	1.538/.0606	19.20/.756	F810	1444A IH
		45.528/1.7924	48.646/1.9152				
MAINS							
5M1442A STD, 010, 020, 030	1,2,4,5	50.749/1.9980	54.506/2.1459	1.831/.0721	20.11/.792	F820	1442AL IH
		50.775/1.9990	54.518/2.1464				
	3	50.749/1.9980	54.506/2.1459	1.831/.0721	22.73/.895	F820	1443AL IH
		50.775/1.9990	54.518/2.1464				
CAMS							
3C3120 STD	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120
		48.058/1.8920	50.150/1.9744				
	2	43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121
		43.880/1.7276	46.950/1.8484				
	3	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820	3122
		36.900/1.4528	39.992/1.5745				
AUX							
2BS3118 STD, UNB			38.700/1.5236	1.497/.0589	14.50/.571	F820	3118
			38.730/1.5248				
			35.036/1.3794	1.492/.0587	18.00/.709	F820	3119
			35.066/1.3805				
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4162					25.10/.988	F100	4RB4162
PISTON PIN BUSH							
RB4162		21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162
		21.641/.8520	23.972/.9438				

40 Engine		Year		Cyl	Bore x Stroke	40	
192 B3.000 1598cc Inline4 2v		03/2005 - 12/2007		L4	79.0mm x 81.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>3 oil holes.</i>					
4B1441A STD, 010, 020, 030		45.508/1.7916	48.629/1.9145	1.547/.0609	19.20/.756	F810	1441A IH
		45.528/1.7924	48.646/1.9152				
CONROD		<i>3 oil holes.</i>					
4B1441P STD		45.498/1.7913	48.630/1.9146	1.544/.0608	19.20/.756	F780	1441 IH
		45.518/1.7920	48.646/1.9152				
MAINS							
5M1028A STD, .25, .50	1,2,4,5	50.780/1.9992	54.507/2.1459	1.849/.0728	20.25/.797	F810	1028A IH
		50.800/2.0000	54.520/2.1465				
	3	50.780/1.9992	54.507/2.1459	1.849/.0728	22.75/.896	F810	1029A IH
		50.800/2.0000	54.520/2.1465				
THRUST		<i>Chamfered. Superseded by 1T1822A.</i>					
1T2849A STD		56.610/2.2287	69.596/2.7400		2.36/.093	F817	2849T IH
		56.864/2.2387	69.850/2.7500				
CAMS							
3C3120 STD	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120
		48.058/1.8920	50.150/1.9744				
	2	43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121
		43.880/1.7276	46.950/1.8484				
	3	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820	3122
		36.900/1.4528	39.992/1.5745				
AUX							
2BS3118 STD, UNB			35.036/1.3794	1.492/.0587	18.00/.709	F820	3119
			35.066/1.3805				



40 Continued ...							40
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2BS3118 STD, UNB			38.700/1.5236 38.730/1.5248	1.497/.0589	14.50/.571	F820	3118
4RB4162	PISTON PIN BUSH	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
RB4162	PISTON PIN BUSH	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

41 Engine				Year	Cyl	Bore x Stroke	41
146 A2.000 1301cc Inline4 SOHC 2v Turbo				04/1985 - 08/1989	L4	80.5mm x 63.9mm	
146 A2.146 1301cc Inline4 SOHC 2v Turbo				01/1987 - 12/1987	L4	80.5mm x 63.9mm	
146 A2.246 1301cc Inline4 SOHC 2v Turbo				09/1989 - 03/1991	L4	80.5mm x 63.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>3 oil holes.</i>					
4B1441P STD		45.498/1.7913 45.518/1.7920	48.630/1.9146 48.646/1.9152	1.544/.0608	19.20/.756	F780	1441 IH
	MAINS						
5M1028A STD, .25, .50	1,2,4,5	50.780/1.9992 50.800/2.0000	54.507/2.1459 54.520/2.1465	1.849/.0728	20.25/.797	F810	1028A IH
	3	50.780/1.9992 50.800/2.0000	54.507/2.1459 54.520/2.1465	1.849/.0728	22.75/.896	F810	1029A IH
	THRUST	<i>Chamfered. Superseded by 1T1822A.</i>					
1T2849A STD		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH
4RB4162	PISTON PIN BUSH	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
RB4162	PISTON PIN BUSH	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

42 Engine				Year	Cyl	Bore x Stroke	42
128 A5.000 1499cc Inline4 SOHC 2v				07/1978 - 09/1982	L4	86.4mm x 63.9mm	
138 A2.000 1499cc Inline4 SOHC 2v				01/1978 - 12/1988	L4	86.4mm x 63.9mm	
138 A4.000 1499cc Inline4 SOHC 2v				01/1980 - 07/1989	L4	86.4mm x 63.9mm	
138 A5.000 1499cc Inline4 SOHC 2v				11/1978 - 12/1989	L4	86.4mm x 63.9mm	
138 B3.000 1499cc Inline4 SOHC 2v				01/1983 - 04/1989	L4	86.4mm x 63.9mm	
138 B3.048 1499cc Inline4 SOHC 2v				12/1983 - 07/1989	L4	86.4mm x 63.9mm	
138 B5.031 1499cc Inline4 SOHC 2v				06/1985 - 12/1989	L4	86.4mm x 63.9mm	
138 C.048 1499cc Inline4 SOHC 2v				10/1985 - 07/1989	L4	86.4mm x 63.9mm	
138 C2.048 1499cc Inline4 SOHC 2v				09/1985 - 12/1993	L4	86.4mm x 63.9mm	
138 C3.048 1499cc Inline4 SOHC 2v				01/1978 - 07/1989	L4	86.4mm x 63.9mm	
149 A5.000 1499cc Inline4 SOHC 2v				05/1985 - 12/1987	L4	86.4mm x 63.9mm	
149 A5.046 1499cc Inline4 SOHC 2v				05/1985 - 12/1987	L4	86.4mm x 63.9mm	
149 C1.000 1499cc Inline4 SOHC 2v				07/1985 - 12/1996	L4	86.4mm x 63.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>3 oil holes.</i>					
4B1441A STD, 010, 020, 030		45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152	1.547/.0609	19.20/.756	F810	1441A IH
	MAINS						
5M1053A STD, 010, 020	1,2,4,5	52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330	1.843/.0726	20.75/.817	F810	1053A IH
	3	52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330	1.838/.0724	20.75/.817	F810	1054A IH

42 Continued ...							42
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	THRUST	<i>Chamfered. Superseded by 1T1822A.</i>					
1T2849A STD		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH
4RB4162	PISTON PIN BUSH	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
RB4162	PISTON PIN BUSH	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

43 Engine	Year	Cyl	Bore x Stroke	43
100 GF.000 903cc Inline4 2v	01/1978 - 01/1986	L4	65.0mm x 68.0mm	
100 GL.000 903cc Inline4 2v	06/1971 - 12/1984	L4	65.0mm x 68.0mm	
100 GL.048 903cc Inline4 2v	06/1971 - 05/1983	L4	65.0mm x 68.0mm	
100 GL.064 903cc Inline4 OHV 2v	06/1971 - 06/1992	L4	65.0mm x 68.0mm	
100 GL3.000 903cc Inline4 2v	10/1980 - 06/1994	L4	65.0mm x 68.0mm	
100 GL6.000 843cc Inline4 2v	05/1974 - On	L4	65.0mm x 63.5mm	
1170 A1.000 899cc Inline4 2v	07/1991 - 07/1999	L4	65.0mm x 67.6mm	
1170 A1.046 899cc Inline4 2v	07/1991 - 01/2010	L4	65.0mm x 67.6mm	
141 A4.000 769cc Inline4 SOHC 2v	01/1986 - 12/1992	L4	65.0mm x 58.0mm	
141 A4.048 769cc Inline4 SOHC 2v	01/1986 - 12/1992	L4	65.0mm x 58.0mm	
141 B.000 769cc Inline4 SOHC 2v	01/1986 - 01/1995	L4	65.0mm x 58.0mm	
146 A.000 903cc Inline4 2v	10/1980 - 07/1996	L4	65.0mm x 68.0mm	
146 A.048 903cc Inline4 2v	01/1986 - 03/1994	L4	65.0mm x 68.0mm	
146 A1.000 903cc Inline4 2v	03/1983 - 07/1996	L4	65.0mm x 68.0mm	
170 A1.000 903cc Inline4 2v	07/1991 - 12/1993	L4	65.0mm x 68.0mm	
170 A1.046 903cc Inline4 2v	07/1991 - 12/1993	L4	65.0mm x 68.0mm	
A 112 B1.054 965cc Inline4 2v	09/1982 - 12/1986	L4	67.2mm x 68.0mm	
M020 AA.09.0 903cc Inline4 2v	01/1980 - On	L4	65.0mm x 68.0mm	
127 A.000 903cc Inline4 2v	10/1976 - 12/1995	L4	65.0mm x 68.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B2806A STD, .25, .50		39.985/1.5742 40.005/1.5750	43.657/1.7188 43.670/1.7193	1.813/.0714	16.55/.652	F810	2806A IH
	MAINS						
3M2807A STD, .25, .50	1,3	50.790/1.9996 50.808/2.0003	54.508/2.1460 54.521/2.1465	1.837/.0723	20.63/.812	F810	2807A IH
	2	50.790/1.9996 50.808/2.0003	54.508/2.1460 54.521/2.1465	1.837/.0723	22.78/.897	F810	2808A IH
	THRUST						
1T2712A STD		54.610/2.1500 54.864/2.1600	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2712T IH

44 Engine	Year	Cyl	Bore x Stroke	44
100 G.002 843cc Inline4 OHV 2v	07/1964 - 10/1972	L4	65.0mm x 63.5mm	
100 GB.000 843cc Inline4 OHV 2v	03/1968 - 10/1972	L4	65.0mm x 63.5mm	
100 GBC.000 903cc Inline4 OHV 2v	02/1968 - 12/1972	L4	65.0mm x 68.0mm	
100 GBC.040 903cc Inline4 OHV 2v	02/1968 - 12/1972	L4	65.0mm x 68.0mm	
100 GC.000 843cc Inline4 OHV 2v	07/1964 - 10/1972	L4	65.0mm x 63.5mm	
100 GL.040 903cc Inline4 OHC 2v	02/1968 - 12/1972	L4	65.0mm x 68.0mm	
100 G.000 843cc Inline4 OHV 2v	07/1964 - 10/1972	L4	65.0mm x 63.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B2806A STD, .25, .50		39.985/1.5742 40.005/1.5750	43.657/1.7188 43.670/1.7193	1.813/.0714	16.55/.652	F810	2806A IH



44 Continued ...							44
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
3M2805A STD, .25, .50	MAINS						
	1	50.790/1.9996 50.808/2.0003	54.508/2.1460 54.521/2.1465	1.837/.0723	18.62/.733	F810	2805A IH
	2	50.790/1.9996 50.808/2.0003	54.508/2.1460 54.521/2.1465	1.837/.0723	22.78/.897	F810	2823A IH
	3	50.790/1.9996 50.808/2.0003	54.508/2.1460 54.521/2.1465	1.837/.0723	20.62/.812	F810	2804A IH
	MAINS						
3M2807A STD, .25, .50	1,3	50.790/1.9996 50.808/2.0003	54.508/2.1460 54.521/2.1465	1.837/.0723	20.63/.812	F810	2807A IH
	2	50.790/1.9996 50.808/2.0003	54.508/2.1460 54.521/2.1465	1.837/.0723	22.78/.897	F810	2808A IH
	THRUST						
1T2712A STD		54.610/2.1500 54.864/2.1600	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2712T IH

45	Engine	Year	Cyl	Bore x Stroke	45
169	A3.000 1368cc Inline4 DOHC 4v	10/2006 - On	L4	72.0mm x 84.0mm	
169	A4.000 1242cc Inline4 SOHC 2v	07/2007 - On	L4	70.8mm x 78.9mm	
176	A7.000 1242cc Inline4 SOHC 2v	01/1994 - 06/2000	L4	70.8mm x 78.9mm	
176	A8.000 1242cc Inline4 SOHC 2v	10/1993 - On	L4	70.8mm x 78.9mm	
176	B1.000 1242cc Inline4 SOHC 2v	03/1994 - 06/2000	L4	70.8mm x 78.9mm	
176	B4.000 1242cc Inline4 SOHC 2v	03/1994 - 06/2000	L4	70.8mm x 78.9mm	
176	B9.000 1242cc Inline4 DOHC 4v	04/1997 - 06/2000	L4	70.8mm x 78.9mm	
178	B5.000 1242cc Inline4 SOHC 2v	04/1996 - On	L4	70.8mm x 78.9mm	
178	B7.045 1242cc Inline4 SOHC 2v	07/1997 - 08/2002	L4	70.8mm x 78.9mm	
178	C4.066 1242cc Inline4 SOHC 2v	07/1997 - On	L4	70.8mm x 78.9mm	
178	E2.000 1242cc Inline4 SOHC 2v	11/1999 - 09/2001	L4	70.8mm x 78.9mm	
182	B2.000 1242cc Inline4 DOHC 4v	10/1998 - 12/2002	L4	70.8mm x 78.9mm	
187	A1.000 1108cc Inline4 SOHC 2v	02/1995 - On	L4	70.0mm x 72.0mm	
188	A4.000 1242cc Inline4 SOHC 2v	07/1997 - On	L4	70.8mm x 78.9mm	
188	A5.000 1242cc Inline4 SOHC 2v	09/1999 - On	L4	70.8mm x 78.9mm	
192	B2.000 1368cc Inline4 DOHC 4v	12/2003 - On	L4	72.0mm x 84.0mm	
199	A4.000 1242cc Inline4 SOHC 2v	10/2005 - On	L4	70.8mm x 78.9mm	
199	A6.000 1368cc Inline4 DOHC 4v	10/2005 - On	L4	72.0mm x 84.0mm	
199	A7.000 1368cc Inline4 SOHC 2v	06/2006 - On	L4	72.0mm x 84.0mm	
223	A5.000 1242cc Inline4 SOHC 2v	03/2001 - On	L4	70.8mm x 78.9mm	
312	A1.000 1368cc Inline4 DOHC 4v Turbo	08/2008 - On	L4	72.0mm x 84.0mm	
350	A1.000 1368cc Inline4 SOHC 2v	10/2005 - On	L4	72.0mm x 84.0mm	
843	A1.000 1368cc Inline4 DOHC 4v	09/2003 - On	L4	72.0mm x 84.0mm	
955	A2.000 1368cc Inline4 DOHC 4v	10/2009 - On	L4	72.0mm x 84.0mm	
955	A6.000 1368cc Inline4 DOHC 4v	10/2009 - On	L4	72.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B3040A STD, .25, .50	CONROD						
		41.988/1.6531 42.008/1.6539	45.127/1.7767 45.140/1.7772	1.548/.0609	19.00/.748	F810	3040A IH
5M3041A STD, .25, .50	MAINS <i>Set includes 2 thrustwashers.</i>						
	1,2,3,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.841/.0725	19.00/.748	F810	3041A U
	3	52.000/2.0472 52.200/2.0551	68.766/2.7073 69.020/2.7173		2.33/.092	F817	3041T UL
	MAINS <i>Has flanged thrust bearing.</i>						
5M3044A STD, .25, .50	1,2,3,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.848/.0728	19.00/.748	F810	3041A L
	1,2,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.841/.0725	19.00/.748	F810	3041A U
	3	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.848/.0728	23.95/.943	F810	3044A U

45 Continued ... 45

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Overwidth flange version of 5M3044A. Flange size is Std + .010"</i>							
5M3045A STD, .25, .50	1,2,3,4,5	47.980/1.8890	51.705/2.0356	1.848/.0728	19.00/.748	F810	3041A L
		48.000/1.8898	51.718/2.0361				
	1,2,4,5	47.980/1.8890	51.705/2.0356	1.841/.0725	19.00/.748	F810	3041A U
		48.000/1.8898	51.718/2.0361				
	3	47.980/1.8890	51.705/2.0356	1.848/.0728	24.20/.953	F810	3045A U
		48.000/1.8898	51.718/2.0361				

46 Engine Year Cyl Bore x Stroke 46

141 C2.000 999cc Inline4 SOHC 2v	05/1986 - 08/1998	L4	70.0mm x 64.9mm
146 B4.000 999cc Inline4 SOHC 2v	07/1990 - 03/1994	L4	70.0mm x 64.9mm
156 A2.000 999cc Inline4 SOHC 2v	06/1989 - 02/1992	L4	70.0mm x 64.9mm
156 A2.0157 999cc Inline4 SOHC 2v	07/1985 - 03/1994	L4	70.0mm x 64.9mm
156 A2.048 999cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	70.0mm x 64.9mm
156 A2.050 999cc Inline4 SOHC 2v	07/1985 - 03/1994	L4	70.0mm x 64.9mm
156 A2.100 999cc Inline4 SOHC 2v	01/1986 - 12/1993	L4	70.0mm x 64.9mm
156 A2.146 999cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	70.0mm x 64.9mm
156 A2.246 999cc Inline4 SOHC 2v	04/1984 - 02/2004	L4	70.0mm x 64.9mm
156 A2.256 999cc Inline4 SOHC 2v	10/1987 - 02/1992	L4	70.0mm x 64.9mm
156 A3.000 999cc Inline4 SOHC 2v	01/1985 - 12/1992	L4	70.0mm x 64.9mm
156 A3.100 999cc Inline4 SOHC 2v	01/1986 - 02/1992	L4	70.0mm x 64.9mm
156 A4.000 769cc Inline4 SOHC 2v	01/1986 - 01/1995	L4	65.0mm x 58.0mm
156 A4.048 769cc Inline4 SOHC 2v	01/1995 - 12/1997	L4	65.0mm x 58.0mm
156 C.046 1108cc Inline4 SOHC 2v	01/1990 - 07/2004	L4	70.0mm x 72.0mm
160 A3.000 1108cc Inline4 SOHC 2v	01/1988 - 12/1992	L4	70.0mm x 72.0mm
176 A6.000 1108cc Inline4 SOHC 2v	09/1993 - 09/1999	L4	70.0mm x 72.0mm
176 B2.000 1108cc Inline4 SOHC 2v	10/1994 - 01/2010	L4	70.0mm x 72.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B3034A STD, .25, .50		37.998/1.4960	41.128/1.6192	1.549/.0610	19.00/.748	F810	3034A IH
		38.008/1.4964	41.140/1.6197				
MAINS <i>Set includes 2 thrustwashers.</i>							
5M3036A STD, .25, .50	1,2,3,4,5	43.990/1.7319	47.705/1.8781	1.841/.0725	19.00/.748	F810	3036A IH
		44.000/1.7323	47.718/1.8787				
	3	48.000/1.8898	63.800/2.5118		2.33/.092	F817	3036T UL
		48.100/1.8937	64.000/2.5197				
MAINS							
5M3037A STD, .25, .50	1,2,3,4,5	43.990/1.7319	47.705/1.8781	1.848/.0728	19.00/.748	F810	3037A L
		44.000/1.7323	47.718/1.8787				
	1,2,4,5	43.990/1.7319	47.705/1.8781	1.848/.0728	19.00/.748	F810	3037A U
		44.000/1.7323	47.718/1.8787				
	3	43.990/1.7319	47.705/1.8781	1.848/.0728	23.91/.941	F810	3039A(F) U
		44.000/1.7323	47.718/1.8787				

47 Engine Year Cyl Bore x Stroke 47

125 A.000 1608cc Inline4 2v	07/1967 - 03/1974	L4	80.0mm x 80.0mm
125 B.000 1608cc Inline4 2v	05/1969 - 10/1973	L4	80.0mm x 80.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD <i>3 oil holes.</i>							
4B1441A STD, 010, 020, 030		45.508/1.7916	48.629/1.9145	1.547/.0609	19.20/.756	F810	1441A IH
		45.528/1.7924	48.646/1.9152				
MAINS							
5M1442A STD, 010, 020, 030	1,2,4,5	50.749/1.9980	54.506/2.1459	1.831/.0721	20.11/.792	F820	1442AL IH
		50.775/1.9990	54.518/2.1464				
	3	50.749/1.9980	54.506/2.1459	1.831/.0721	22.73/.895	F820	1443AL IH
		50.775/1.9990	54.518/2.1464				



47 Continued ...							47
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	THRUST	<i>Chamfered. Superseded by 1T1822A.</i>					
1T2849A STD		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH
4RB4162	PISTON PIN BUSH	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
RB4162	PISTON PIN BUSH	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

48 Engine				Year	Cyl	Bore x Stroke	48
146 B.000 1367cc Inline4 SOHC 2v Turbo Diesel				10/1986 - 10/1990	L4	78.0mm x 71.5mm	
146 B3.000 1367cc Inline4 SOHC 2v Turbo Diesel				10/1986 - 10/1990	L4	78.0mm x 71.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

	MAINS						
5M2834A STD, .25, .50	1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
RACE SERIES 5M2908H STD, .025, .25	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
RACE SERIES 5M2908HX STD	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
1T2827A STD	THRUST	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH

49 Engine				Year	Cyl	Bore x Stroke	49
154 E1.000 1995cc Inline4 DOHC 4v				08/1992 - 08/1996	L4	84.0mm x 90.0mm	
160 A5.000 1756cc Inline4 DOHC 4v				11/1989 - 06/1992	L4	84.0mm x 79.2mm	
160 A8.046 1995cc Inline4 DOHC 4v				07/1991 - 04/1995	L4	84.0mm x 90.0mm	
175 A1.000 1995cc Inline4 DOHC 4v Turbo				11/1993 - 08/1996	L4	84.0mm x 90.0mm	
836 A3.000 1995cc Inline4 DOHC 4v				03/1993 - 08/1996	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Notch 4.37mm wide.</i>					
4B2822A STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
4B2822P STD, 010, 020	CONROD	50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH
RACE SERIES 4B2904H STD, .025, .25	CONROD	50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH
RACE SERIES 4B2904HX STD	CONROD	50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.523/.0600	19.50/.768	F781	2904HX IH
	MAINS						
5M2834A STD, .25, .50	1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH

49 Continued ...								49
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES 5M2908H STD, .025, .25	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH	
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH	
RACE SERIES 5M2908HX STD	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH	
1T2827A STD	THRUST	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH	
RB4159	PISTON PIN BUSH	21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159	

50 Engine				Year	Cyl	Bore x Stroke	50
138 A.000 1301cc Inline4 SOHC 2v				01/1979 - 09/1982	L4	86.4mm x 55.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1441A STD, 010, 020, 030	CONROD	<i>3 oil holes.</i>		1.547/.0609	19.20/.756	F810	1441A IH
		45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152				
4B1441P STD	CONROD	<i>3 oil holes.</i>		1.544/.0608	19.20/.756	F780	1441 IH
		45.498/1.7913 45.518/1.7920	48.630/1.9146 48.646/1.9152				
5M1442A STD, 010, 020, 030	MAINS 1,2,4,5	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	20.11/.792	F820	1442AL IH
	3	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	22.73/.895	F820	1443AL IH
1T2849A STD	THRUST	<i>Chamfered. Superseded by 1T1822A.</i>			2.36/.093	F817	2849T IH
		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500				
3C3120 STD	CAMS 1	48.033/1.8911 48.058/1.8920	51.120/2.0126 50.150/1.9744	1.530/.0602	14.20/.559	F820	3120
	2	43.853/1.7265 43.880/1.7276	46.920/1.8472 46.950/1.8484	1.530/.0602	16.00/.630	F820	3121
	3	36.875/1.4518 36.900/1.4528	39.962/1.5733 39.992/1.5745	1.530/.0602	15.00/.591	F820	3122
4RB4162	PISTON PIN BUSH	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
RB4162	PISTON PIN BUSH	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

51 Engine				Year	Cyl	Bore x Stroke	51
124 A.000 1197cc Inline4 OHV 2v				02/1973 - 07/1975	L4	73.0mm x 71.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1441A STD, 010, 020, 030	CONROD	<i>3 oil holes.</i>		1.547/.0609	19.20/.756	F810	1441A IH
		45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152				
5M1442A STD, 010, 020, 030	MAINS 1,2,4,5	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	20.11/.792	F820	1442AL IH
	3	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	22.73/.895	F820	1443AL IH



51		Continued ...						51
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
1T1822A STD	THRUST	<i>No Chamfer.</i>						
		56.260/2.2150 56.510/2.2248	69.600/2.7402 69.850/2.7500		2.36/.093	F817	1822T IH	
1T2849A STD	THRUST	<i>Chamfered. Superseded by 1T1822A.</i>						
		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH	
3C3120 STD	CAMS	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120
			48.058/1.8920	50.150/1.9744				
			43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121
			43.880/1.7276	46.950/1.8484				
		2	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820	3122
			36.900/1.4528	39.992/1.5745				
2B53118 STD, UNB	AUX			35.036/1.3794	1.492/.0587	18.00/.709	F820	3119
				35.066/1.3805				
				38.700/1.5236	1.497/.0589	14.50/.571	F820	3118
				38.730/1.5248				
4RB4162	PISTON PIN BUSH	<i>Set of 4.</i>						
					25.10/.988	F100	4RB4162	
RB4162	PISTON PIN BUSH	21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162	
		21.641/.8520	23.972/.9438					

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
940cc KLO9H (711M) Inline4 OHV 2v	01/1968 - 12/1974	L4	940	57	51
957cc (Valencia) Inline4 OHV 2v	05/1976 - 02/1989	L4	957	58	61
997cc 105E Inline4 OHV 2v	01/1960 - 01/1967	L4	997	60	121
997cc 106E Inline4 OHV 2v	01/1960 - 01/1967	L4	997	60	121
997cc 107E Inline4 OHV 2v	01/1960 - 01/1967	L4	997	60	121
999cc TLB (HCS) Inline4 OHV 2v	09/1983 - 12/1995	L4	999	60	75
67ci (1.1L) Xflow (Kent) Inline4 OHV 2v	01/1973 - 12/1982	L4	1097	67	46
1098cc Kent X Flow Inline4 OHV 2v	01/1968 - 08/1980	L4	1098	67	51
1117cc GLA/B/C (Valencia) Inline4 OHV 2v	08/1980 - 03/1989	L4	1117	68	59
1117cc GMA,GPA (Valencia) Inline4 OHV 2v	09/1980 - 08/1983	L4	1117	68	57
1117cc GSE (Valencia) Inline4 OHV 2v	08/1983 - 12/1985	L4	1117	68	57
1117cc GSF (Valencia) Inline4 OHV 2v	09/1983 - 02/1989	L4	1117	68	58
1117cc GSG (Valencia) Inline4 OHV 2v	10/1985 - 09/1990	L4	1117	68	60
1119cc HCS Inline4 OHV 2v	03/1989 - 07/1996	L4	1119	68	75
1198cc 113E Inline4 OHV 2v	01/1961 - 08/1967	L4	1198	73	122
1242cc Duratec (Zetec-SE) Inline4 DOHC 4v	08/1995 - 01/2002	L4	1242	75	54
1294cc JAC TL13 Inline4 SOHC 2v	01/1970 - 12/1982	L4	1294	78	105
1294cc JCC TL13 Inline4 SOHC 2v	01/1970 - 12/1982	L4	1294	78	49
1294cc JCT TL13 Inline4 SOHC 2v	08/1982 - 12/1986	L4	1294	78	71
1296cc CVH Inline4 OHV 2v	09/1980 - 03/1989	L4	1296	79	55
1297cc Endura-E Inline4 OHV 2v	07/1990 - 10/2002	L4	1297	79	72
1297cc HCS Inline4 OHV 2v	12/1985 - 10/1990	L4	1297	79	72
1297cc Kent Inline4 OHV 2v	01/1962 - 12/1970	L4	1297	79	51
1298cc Kent X Flow Inline4 OHV 2v	10/1966 - 08/1985	L4	1298	79	51
1340cc 109E Inline4 OHV 2v	01/1961 - 01/1967	L4	1340	81	121
1388cc AS Series Duratec (Zetec-SE) Inline4 DOHC 4v	11/2004 - On	L4	1388	84	54
1388cc FH Series Duratec (Zetec-SE) Inline4 DOHC 4v	04/1996 - 01/2002	L4	1388	84	54
1388cc FX Series Duratec (Zetec-SE) Inline4 DOHC 4v	10/1998 - On	L4	1388	84	54
1388cc SP Series Duratec (Zetec-SE) Inline4 DOHC 4v	10/2008 - On	L4	1388	84	54
1392cc CVH Inline4 OHV 2v	01/1986 - 12/1996	L4	1392	84	55
1398cc Duratorq DLD-414 Inline4 SOHC 2v Turbo Diesel	11/2001 - On	L4	1398	85	34
1499cc Kent Inline4 OHV 2v	01/1963 - 12/1971	L4	1499	91	51
1558cc 125E, 3020E Lotus Inline4 DOHC 2v	01/1965 - 12/1975	L4	1558	95	116
1560cc Duratorq DLD-416 Inline4 DOHC 4v Turbo Diesel	10/2003 - On	L4	1560	95	33
1593cc TL16G (GT) Inline4 SOHC 2v	01/1970 - 12/1982	L4	1593	97	49
1593cc TL16H (High Comp.) Inline4 SOHC 2v	01/1970 - 12/1985	L4	1593	97	49
1593cc TL16L (Low Comp.) Inline4 SOHC 2v	01/1970 - 12/1986	L4	1593	97	49
1596cc Duratec (Zetec-SE) Inline4 DOHC 4v	02/2004 - 01/2006	L4	1596	97	125
1597cc LUH Inline4 OHV 2v	03/1989 - 07/1996	L4	1597	97	56
1597cc Zetec-E Inline4 DOHC 4v	10/1992 - 12/2004	L4	1597	97	29
1598cc CVH Inline4 OHV 2v	09/1980 - 12/1993	L4	1598	97	55
1598cc CVH Inline4 OHV 2v Turbo	11/1984 - 07/1990	L4	1598	97	55
1598cc Kent X Flow Inline4 OHV 2v	01/1968 - 08/1983	L4	1598	97	51
1598cc TL16E Inline4 SOHC 2v	08/1982 - 02/1993	L4	1598	97	49
1598cc ZMD Inline4 DOHC 4v	06/1998 - 10/2002	L4	1598	97	78
98ci (1.6L) CVH Inline4 SOHC 2v	01/1980 - 12/1985	L4	1598	97	74
98ci (1.6L) Xflow (USA Fiesta) Inline4 OHV 2v	01/1977 - 12/1980	L4	1598	97	45
Cosworth BDA Series 1601cc Inline4 DOHC 4v	01/1969 - On	L4	1601	97	32
98ci (1.6L) Xflow (Kent/Pinto) Inline4 OHV 2v	01/1971 - 12/1973	L4	1605	98	73
1608cc LT Inline4 SOHC 2v Diesel	02/1984 - 07/1990	L4	1608	98	62
1679cc MHA Duratec Inline4 DOHC 4v	03/1997 - 06/2002	L4	1679	102	54
1753cc BHDA/DB Duratorq Inline4 SOHC 2v Turbo Diesel	08/1999 - 03/2005	L4	1753	106	1
1753cc C9DA/B/C Duratorq Inline4 SOHC 2v Turbo Diesel	10/1998 - 11/2004	L4	1753	106	1
1753cc F9DA/B Duratorq Inline4 SOHC 2v Turbo Diesel	03/2001 - 11/2004	L4	1753	106	1
1753cc FFDA Duratorq Inline4 SOHC 2v Turbo Diesel	08/2002 - 11/2004	L4	1753	106	1
1753cc HCPA/PB Duratorq Inline4 SOHC 2v Turbo Diesel	06/2002 - On	L4	1753	106	63
1753cc KKDA/DB Duratorq Inline4 SOHC 2v Turbo Diesel	11/2004 - On	L4	1753	106	63
1753cc P7PA/B Duratorq Inline4 SOHC 2v Turbo Diesel	06/2002 - On	L4	1753	106	63



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
1753cc R2PA Duratorq Inline4 SOHC 2v Turbo Diesel	06/2002 - On	L4	1753	106	63
1753cc RF Series Duratorq Inline4 SOHC 2v Turbo Diesel	10/1987 - 02/1993	L4	1753	106	1
1753cc RT Series Duratorq Inline4 SOHC 2v Diesel	07/1988 - On	L4	1753	106	2
1753cc RW Duratorq Inline4 SOHC 2v Turbo Diesel	06/2002 - On	L4	1753	106	63
1796cc EY Series Zetec-E Inline4 DOHC 4v	08/1998 - 05/2005	L4	1796	109	29
1796cc R Series Zetec-E Inline4 DOHC 4v	02/1992 - 09/2001	L4	1796	109	29
1796cc TL18H Inline4 SOHC 2v	10/1984 - 02/1992	L4	1796	109	79
1798cc Duratec (Mazda L) Inline4 DOHC 4v	10/2000 - On	L4	1798	109	53
1812cc V6 OHV 2v	01/1968 - On	V6	1812	110	120
116ci (1.9L) CVH Inline4 SOHC 2v	01/1985 - 12/1996	L4	1859	113	28
1.9L VIN 9/J Inline4 SOHC 2v	01/1985 - 12/1996	L4	1900	115	112
122ci (2.0L) CVH Inline4 SOHC 2v	01/1997 - 12/2004	L4	1988	121	27
1988cc Zetec-E Inline4 DOHC 4v	01/1993 - 05/2005	L4	1988	121	29
121ci (2.0L) Lima Inline4 SOHC 2v	01/1983 - 12/1988	L4	1990	121	44
122ci (2.0L) Pinto Inline4 SOHC 2v	01/1971 - 12/1974	L4	1993	121	113
1993cc Cosworth YB (CH20) Inline4 DOHC 4v Turbo	01/1986 - 12/1997	L4	1993	121	7
1993cc TL20CFI Inline4 SOHC 2v	01/1985 - 12/1992	L4	1993	121	50
1993cc TL20EFI Inline4 SOHC 2v	01/1985 - 12/1994	L4	1993	121	50
1993cc TL20H (High Comp.) Inline4 SOHC 2v	01/1971 - 12/1989	L4	1993	121	50
1993cc TL20L (Low Comp.) Inline4 SOHC 2v	01/1971 - 12/1994	L4	1993	121	50
1997cc Duratorq (PSA) Inline4 DOHC 4v Turbo Diesel	10/2003 - On	L4	1997	121	47
121ci (2.0L) Duratec 20 Inline4 DOHC 4v	01/2005 - On	L4	1998	121	5
1998cc Duratorq ZSD-420 Inline4 DOHC 4v Turbo Diesel	08/2000 - On	L4	1998	121	124
1998cc V6 OHV 2v	01/1968 - 12/1981	V6	1998	121	88
140ci (2.3L) Duratec 23 Inline4 DOHC 4v	01/2001 - On	L4	2261	137	4
140ci (2.3L) Lima Inline4 SOHC 2v	01/1974 - 12/1997	L4	2299	140	26
140ci (2.3L) Lima Inline4 SOHC 2v Turbo	01/1979 - 12/1988	L4	2299	140	44
140ci (2.3L) HSC Inline4 OHV 2v	01/1984 - 12/1994	L4	2300	140	114
2304cc (Peugeot) Inline4 OHV Diesel	08/1982 - 02/1993	L4	2304	140	52
2358cc 4AA (York) Inline4 Diesel	11/1977 - 10/1986	L4	2358	143	64
144ci (2.4L) Inline6 OHV 2v	01/1960 - 12/1966	L6	2359	144	115
2402cc Duratorq ZSD-424 Inline4 DOHC 4v Turbo Diesel	01/2000 - 05/2006	L4	2402	146	124
2402cc Duratorq ZSD-424 Inline4 DOHC 4v Turbo Diesel.	03/2004 - On	L4	2402	146	48
153ci (2.5L) HSC Inline4 OHV 2v	01/1986 - 12/1991	L4	2494	152	31
2495cc 2603E/3008E V6 OHV 2v	01/1966 - 12/1972	V6	2495	152	94
2496cc (York) Inline4 2v Diesel	10/1983 - 12/2000	L4	2496	152	65
2496cc (York) Inline4 2v Turbo Diesel	05/1991 - 12/2000	L4	2496	152	66
2496cc 4DA (York) Inline4 2v Turbo Diesel	05/1991 - 08/1994	L4	2496	152	65
2496cc 4ED (York) Inline4 2v Turbo Diesel	08/1997 - 03/2000	L4	2496	152	65
2496cc 4HA/HD (York) Inline4 2v Diesel	08/1994 - 12/2000	L4	2496	152	67
2498cc (Peugeot) Inline4 OHV Diesel	01/1982 - 02/1992	L4	2498	152	52
2498cc (Peugeot) Inline4 OHV Turbo Diesel	06/1988 - 12/1994	L4	2498	152	52
153ci (2.5L) Lima Inline4 SOHC 2v	01/1998 - 12/2001	L4	2499	152	25
2500cc Duratorq (Mazda) Inline4 DOHC 4v T/Diesel	12/2006 - On	L4	2500	152	16
155ci (2.5L) Duratec 25 V6 DOHC 4v	01/1994 - 12/2001	V6	2544	155	15
2551cc V6 OHV 2v	01/1969 - 01/1979	V6	2551	155	88
158ci 32D Inline3 OHV 2v Diesel	01/1965 - 12/1981	L4	2589	158	6
170ci (2.8L) Inline6 OHV 2v	01/1960 - 12/1972	L6	2785	170	117
171ci (2.8L) V6 OHV 2v	01/1974 - 12/1986	V6	2802	171	118
175ci Inline3 OHV 2v Diesel	01/1965 - On	L3	2867	175	6
177ci (2.9L) V6 OHV 2v	01/1986 - 12/1992	V6	2900	177	119
2953cc Duratorq (Mazda) Inline4 DOHC 4v T/Diesel	12/2006 - On	L4	2953	180	17
181ci (3.0L) Duratec 30 V6 DOHC 4v	03/1996 - 12/2006	V6	2967	181	15
182ci (3.0L) (Vulcan) V6 OHV 2v	01/1986 - 12/2008	V6	2986	182	107
2994cc 3012E/3022E V6 OHV 2v	01/1966 - 12/1981	V6	2994	182	94
188ci (3.1L) Inline6 OHV 2v	01/1965 - 12/1970	L6	3080	188	80
192ci Inline3 OHV 2v Diesel	01/1975 - On	L3	3146	192	6
3.2L (193ci) (Australia) Inline6 SOHC 2v	03/1988 - 08/1992	L6	3157	192	85

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
3260cc E1ADKN-B Inline4 OHV 2v	01/1951 - 12/1965	L4	3260	198	3
200ci (3.3L) (4 main) Inline6 OHV 2v	01/1963 - 12/1964	L6	3277	200	43
200ci (3.3L) (7 main) Inline6 OHV 2v	01/1965 - 12/1983	L6	3277	200	24
3.3L (200ci) X Flow Alloy Head (Aust) Inline6 OHV 2v	06/1980 - 10/1986	L6	3277	200	86
3.3L (200ci) X Flow Alloy Head (Aust) Inline6 OHV 2v ULP	02/1986 - 03/1988	L6	3277	200	86
3.3L X Flow Cast Iron Head (Aust) Inline6 OHV 2v	01/1976 - 06/1980	L6	3277	200	87
201ci Inline3 OHV 2v	01/1965 - On	L6	3293	201	6
201ci Inline3 OHV 2v Diesel	01/1965 - On	L6	3293	201	6
213ci (3.5L) Duratec 35 V6 DOHC 4v	01/2006 - On	V6	3496	213	36
213ci (3.5L) Ecoboost V6 DOHC 4v Twin Turbo	01/2010 - 12/2015	V6	3496	213	36
3610cc 530E/591E/592E/630E Inline4 Diesel	01/1951 - On	L4	3610	220	3
3611cc E1ADDN-B Inline4 OHV 2v Diesel	01/1951 - 12/1965	L4	3611	220	96
221ci (3.6L) V8 OHV 2v	01/1962 - 12/1963	V8	3621	221	23
221ci Inline6 OHV 2v	01/1968 - 11/1970	L6	3621	221	90
227ci (3.7L) Duratec 37 V6 DOHC 4v	01/2008 - On	V6	3721	227	36
232ci (3.8L) V6 OHV 2v	01/1982 - 12/2004	V6	3801	232	92
232ci (3.8L) V6 OHV 2v Supercharged	01/1989 - 12/1995	V6	3801	232	8
233ci Inline4 OHV 2v	01/1965 - On	L4	3818	233	89
233ci Inline4 OHV 2v Diesel	01/1965 - On	L4	3818	233	89
238ci (3.9L) V6 OHV 2v	01/2004 - 12/2007	V6	3900	238	18
239ci (3.9L) V8 OHV 2v	01/1954 - 12/1955	V8	3916	239	37
240ci (3.9L) Inline6 OHV 2v	01/1965 - 12/1974	L6	3932	240	93
3933cc 2701E/2706E Inline4 OHV 2v Diesel	01/1965 - 12/1981	L4	3932	240	81
3.9L (240ci) (Australia) Inline6 SOHC 2v	01/1988 - 12/1992	L6	3949	240	85
4.0L (243ci) AU-AUIII Intech (Australia) Inline6 SOHC 2v	09/1998 - 07/2003	L6	3984	243	102
4.0L (243ci) Barra (Australia) Inline6 DOHC 4v	10/2002 - On	L6	3984	243	102
4.0L (243ci) Barra (Australia) Inline6 DOHC 4v Turbo	10/2002 - On	L6	3984	243	70
4.0L (243ci) EB-ED (Australia) Inline6 SOHC 2v	04/1992 - 03/1995	L6	3984	243	95
4.0L (243ci) EF-EL (Australia) Inline6 SOHC 2v	09/1994 - 12/1998	L6	3984	243	111
245ci (4.0L) V6 OHV 2v	01/1990 - 12/2000	V6	3998	243	77
245ci (4.0L) V6 SOHC 2v	11/1996 - 12/2010	V6	4011	244	76
250ci (4.1L) Inline6 OHV 2v (US version)	01/1969 - 12/1980	L6	4096	250	22
4.1L (250ci) X Flow Alloy Head (Aust) Inline6 OHV 2v	06/1980 - 10/1986	L6	4096	250	97
4.1L (250ci) X Flow Alloy Head EFI (Aust) Inline6 OHV 2v	01/1983 - 10/1986	L6	4096	250	86
4.1L (250ci) X Flow Alloy Head EFI ULP (Aust) Inline6 OHV 2v	01/1986 - 03/1988	L6	4096	250	86
4.1L (250ci) X Flow Alloy Head ULP (Aust) Inline6 OHV 2v	02/1986 - 03/1993	L6	4096	250	86
4.1L (250ci) X Flow Cast Iron Head (Aust) Inline6 OHV 2v	10/1974 - 12/1983	L6	4096	250	98
250ci Non X Flow Inline6 OHV 2v	01/1970 - 12/1978	L6	4097	250	95
254ci 2712E Inline4 OHV 2v	01/1965 - On	L4	4162	254	81
255ci (4.2L) V8 OHV 2v	01/1980 - 12/1982	V8	4178	255	23
256ci (4.2L) Triton V6 OHV 2v	01/1997 - 12/2008	V6	4195	256	18
256ci (4.2L) V6 OHV 2v	01/2004 - 12/2007	V6	4195	256	18
256ci (4.2L) V8 OHV 2v	01/1954 - 01/1955	V8	4195	256	37
256ci Inline4 OHV 2v Diesel	01/1965 - 12/1999	L4	4195	256	89
256ci Inline4 OHV 2v Turbo Diesel	10/1971 - On	L4	4195	256	83
260ci (4.3L) V8 OHV 2v	01/1962 - 01/1965	V8	4260	260	23
272ci (4.5L) V8 OHV 2v	01/1955 - 12/1959	V8	4457	272	37
281ci (4.6L) (Romeo) V8 SOHC 2v	01/1991 - 12/2010	V8	4600	280	84
281ci (4.6L) (Windsor) V8 SOHC 2v	01/1993 - 12/2010	V8	4600	280	9
281ci (4.6L) InTech V8 DOHC 4v	01/1993 - 12/2005	V8	4600	280	42
281ci (4.6L) (Romeo) V8 SOHC 2v	01/2006 - 12/2010	V8	4601	280	41
281ci (4.6L) (Romeo) V8 SOHC 3v	01/2005 - 12/2010	V8	4601	280	10
281ci (4.6L) Triton (Romeo) V8 SOHC 2v	01/1997 - 12/2010	V8	4601	280	21
281ci (4.6L) Triton (Romeo) V8 SOHC 3v	01/2009 - 12/2010	V8	4601	280	10
281ci (4.6L) Triton (Windsor) V8 SOHC 2v	01/1997 - 12/2010	V8	4601	280	9
281ci (4.6L) V8 DOHC 4v	01/1996 - 12/2004	V8	4601	280	42
281ci (4.6L) V8 DOHC 4v Supercharged	01/2003 - 12/2004	V8	4601	280	20
289ci (4.7L) V8 OHV 2v	01/1963 - 03/1968	V8	4735	289	23



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
292ci (4.8L) V8 OHV 2v	01/1955 - 01/1964	V8	4785	292	37
4888cc 589E Inline6 OHV 2v	01/1956 - 12/1965	L6	4888	298	103
300ci (4.9L) Inline6 OHV 2v	01/1965 - 12/1996	L6	4916	300	100
302ci (5.0L) Windsor V8 OHV 2v EFI	01/1983 - 07/2003	V8	4942	301	23
302ci (5.0L) Cleveland V8 OHV 2v	01/1972 - 01/1988	V8	4948	302	91
302ci (5.0L) Windsor V8 OHV 2v Carb.	01/1968 - 12/1985	V8	4948	302	23
302ci (5.0L) Coyote V8 DOHC 4v	10/2010 - On	V8	4951	302	19
5.0L (Australia) V8 DOHC 4v S/Charged Boss 315	10/2010 - On	V8	4951	302	19
5.0L (Australia) V8 DOHC 4v S/Charged Boss 335	10/2010 - On	V8	4951	302	19
330ci (5.4L) V8 OHV 2v	01/1975 - 12/1977	V8	5407	330	40
330ci (5.4L) (Windsor) V8 SOHC 2v Supercharged	01/1999 - 12/2004	V8	5408	330	9
330ci (5.4L) InTech V8 DOHC 4v	01/1999 - 12/2004	V8	5408	330	14
330ci (5.4L) V8 (Alum. Block) (GT) DOHC 4v Supercharged	01/2005 - 12/2006	V8	5408	330	30
330ci (5.4L) V8 (CI Block) (GT500) DOHC 4v Supercharged	01/2007 - 12/2011	V8	5408	330	19
330ci (5.4L) V8 SOHC 2v	01/1997 - 12/2010	V8	5408	330	9
330ci (5.4L) V8 SOHC 3v	01/2004 - 12/2010	V8	5408	330	14
5.4L (Australia) V8 DOHC 4v Boss 260	10/2002 - 05/2008	V8	5408	330	14
5.4L (Australia) V8 DOHC 4v Boss 290	10/2002 - 10/2010	V8	5408	330	14
5.4L (Australia) V8 DOHC 4v Boss 302	11/2007 - 10/2010	V8	5408	330	14
5.4L (Australia) V8 DOHC 4v Boss 315	05/2008 - 10/2010	V8	5408	330	14
5409cc 2708E, 2703E Inline6 Diesel OHV 2v	01/1965 - 12/1978	L6	5409	330	108
5416cc 590E Inline6 OHV 2v Diesel	01/1955 - 12/1965	L6	5416	330	104
332ci (5.4L) V8 OHV 2v	01/1958 - 12/1959	V8	5440	332	39
351ci (5.8L) Cleveland V8 OHV 2v	06/1969 - 12/1982	V8	5751	351	109
351ci (5.8L) Modified V8 OHV 2v	01/1975 - 12/1982	V8	5751	351	11
351ci (5.8L) Windsor V8 OHV 2v	01/1969 - 12/1997	V8	5751	351	110
352ci (5.8L) V8 OHV 2v	01/1958 - 12/1967	V8	5768	352	40
359ci (5.9L) V8 OHV 2v	01/1974 - 12/1975	V8	5882	359	40
360ci (5.9L) V8 OHV 2v	01/1976 - 12/1976	V8	5899	360	40
360ci 2704E/2709E Inline6 OHV 2v Diesel	01/1965 - 12/1981	L6	5899	360	82
360ci Inline6 OHV 2v Turbo Diesel	01/1968 - 12/1981	L6	5899	360	106
361ci (5.9L) V8 OHV 2v	01/1964 - 12/1978	V8	5915	361	40
363ci (6.0L) VT365 Power Stroke V8 OHV 4v T/Diesel	01/2003 - 12/2010	V8	5954	363	68
365ci Parent Block 2713E Inline6 OHV 2v Diesel	01/1965 - 12/1981	L6	5981	365	108
370ci (6.1L) V8 OHV 2v	01/1979 - 12/1991	V8	6063	370	101
379ci (6.2L) Boss V8 SOHC 2v	01/2010 - On	V8	6210	379	35
380ci 2715E Inline6 OHV 2v Diesel	01/1965 - 12/1982	L6	6227	380	106
387ci (6.4L) VT365 Power Stroke V8 OHV 4v T/Diesel	01/2008 - 12/2010	V8	6336	386	69
389ci (6.4L) V8 OHV 2v	01/1975 - 12/1978	V8	6374	389	40
390ci (6.4L) V8 OHV 2v	01/1964 - 12/1976	V8	6390	390	40
391ci (6.4L) V8 OHV 2v	01/1964 - 12/1978	V8	6407	391	40
400ci (6.6L) V8 OHV 2v	01/1970 - 12/1982	V8	6554	400	11
401ci Inline6 OHV 2v Turbo Diesel	01/1969 - On	L6	6571	401	99
410ci (6.7L) V8 OHV 2v	01/1966 - 12/1967	V8	6718	410	40
415ci (6.8L) Triton V10 SOHC 2v	01/1997 - 12/2009	V10	6800	414	13
415ci (6.8L) Triton V10 SOHC 3v	01/2005 - 12/2009	V10	6800	415	38
421ci (6.9L) Navistar V8 OHV 2v Diesel	01/1983 - 12/1987	V8	6900	421	12
427ci (7.0L) V8 OHV 2v	01/1964 - 12/1969	V8	6997	427	40
428ci (7.0L) V8 OHV 2v	01/1966 - 12/1970	V8	7013	428	40
429ci (7.0L) V8 OHV 2v	01/1968 - 12/1998	V8	7030	429	101
445ci (7.3L) IDI Navistar V8 OHV 2v Diesel	01/1988 - 12/1994	V8	7300	445	12
445ci (7.3L) IDI Navistar V8 OHV 2v T/Diesel	01/1992 - 12/1994	V8	7300	445	12
445ci (7.3L) Power Stroke V8 OHC 2v T/Diesel	01/1994 - 05/2003	V8	7300	445	123
460ci (7.5L) V8 OHV 2v	01/1968 - 12/1997	V8	7538	460	101



1	Engine	Year	Cyl	Bore x Stroke	1
	1753cc BHDA/DB Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	08/1999 - 03/2005	L4	82.5mm x 82.0mm	
	1753cc C9DA/B/C Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	10/1998 - 11/2004	L4	82.5mm x 82.0mm	
	1753cc F9DA/B Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	03/2001 - 11/2004	L4	82.5mm x 82.0mm	
	1753cc FFDA Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	08/2002 - 11/2004	L4	82.5mm x 82.0mm	
	1753cc RF Series Duratorq Inline4 SOHC 2v Turbo Diesel <i>Engine Codes RFA, RFB, RFD, RFK, RFL, RFM, RFN, RFS, RVA (Endura-D)</i>	10/1987 - 02/1993	L4	82.5mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has no notches - suits turbo engines.</i>							
4B1660P STD, .25, .50		48.970/1.9279	52.000/2.0472	1.495/.0589	21.70/.854	F780	1660 IH
		48.990/1.9287	52.020/2.0480				
5M1664A STD, .25, .50	MAINS 1	53.970/2.1248	57.683/2.2710	1.836/.0723	22.17/.873	F810	1665A IH
		53.990/2.1256	57.696/2.2715				
	2,3,4,5	53.970/2.1248	57.683/2.2710	1.836/.0723	24.00/.945	F810	1664A UL
		53.990/2.1256	57.696/2.2715				
5M1678A STD, .25, .50, .75, 1.00	MAINS 1	53.970/2.1248	57.683/2.2710	1.836/.0723	22.17/.873	F810	1665A IH
		53.990/2.1256	57.696/2.2715				
	2,3,4,5	53.970/2.1248	57.683/2.2710	1.836/.0723	22.17/.873	F810	1678A L
		53.990/2.1256	57.696/2.2715				
	2,3,4,5	53.970/2.1248	57.683/2.2710	1.836/.0723	23.00/.906	F810	1678WA U
		53.990/2.1256	57.696/2.2715				
1T2152 STD, .005	THRUST	<i>Same as 1T1135</i>			2.36/.093	F250	2152T U
		59.436/2.3400	74.498/2.9330				
5C3312 STD	CAMS	27.960/1.1008	30.500/1.2008	1.250/.0492	17.65/.695	F820	3312 IH
		27.980/1.1016	30.525/1.2018				
4RB4210	PISTON PIN BUSH				25.25/.994	F100	4RB4210
RB4210 UNB	PISTON PIN BUSH				25.25/.994	F100	RB4210

2	Engine	Year	Cyl	Bore x Stroke	2
	1753cc RT Series Duratorq Inline4 SOHC 2v Diesel <i>Engine Codes RTA, RTB, RTC, RTD, RTE, RTF, RTG, RTH, RTI, RTJ (Endura-D)</i>	07/1988 - On	L4	82.5mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>This set has notches.</i>							
4B1667A STD, .25, .50		48.970/1.9279	52.000/2.0472	1.495/.0589	21.70/.854	F810	1667A IH
		48.990/1.9287	52.020/2.0480				
5M1664A STD, .25, .50	MAINS 1	53.970/2.1248	57.683/2.2710	1.836/.0723	22.17/.873	F810	1665A IH
		53.990/2.1256	57.696/2.2715				
	2,3,4,5	53.970/2.1248	57.683/2.2710	1.836/.0723	24.00/.945	F810	1664A UL
		53.990/2.1256	57.696/2.2715				
5M1678A STD, .25, .50, .75, 1.00	MAINS 1	53.970/2.1248	57.683/2.2710	1.836/.0723	22.17/.873	F810	1665A IH
		53.990/2.1256	57.696/2.2715				
	2,3,4,5	53.970/2.1248	57.683/2.2710	1.836/.0723	22.17/.873	F810	1678A L
		53.990/2.1256	57.696/2.2715				
	2,3,4,5	53.970/2.1248	57.683/2.2710	1.836/.0723	23.00/.906	F810	1678WA U
		53.990/2.1256	57.696/2.2715				



2 Continued ...							2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1T2152 STD, 005	THRUST	<i>Same as 1T1135</i>					
		59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430		2.36/.093	F250	2152T U
5C3312 STD	CAMS	27.960/1.1008	30.500/1.2008	1.250/.0492	17.65/.695	F820	3312 IH
		27.980/1.1016	30.525/1.2018				
4RB4210	PISTON PIN BUSH				25.25/.994	F100	4RB4210
RB4210 UNB	PISTON PIN BUSH				25.25/.994	F100	RB4210

3 Engine	Year	Cyl	Bore x Stroke	3
3260cc E1ADKN-B Inline4 OHV 2v	01/1951 - 12/1965	L4	95.0mm x 115.0mm	
3610cc 530E/591E/592E/630E Inline4 Diesel	01/1951 - On	L4	100.0mm x 115.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2100A STD, 010, 020, 030, 040, 050,	CONROD	63.492/2.4997	67.208/2.6460	1.824/.0718	34.03/1.340	F820	2100AL IH
		63.505/2.5002	67.221/2.6465				
5M2104A STD, 010, 020, 030, 040, 050,	MAINS 1,2,4	76.205/3.0002	80.429/3.1665	2.078/.0818	26.67/1.050	F820	2104AL IH
		76.218/3.0007	80.442/3.1670				
	3,5	76.205/3.0002	80.429/3.1665	2.078/.0818	36.20/1.425	F820	2105AL IH
		76.218/3.0007	80.442/3.1670				
2T2102 STD, 0025, 005, 0075	THRUST	84.200/3.3150	98.750/3.8878		2.36/.093	F250	2102T UL
		84.450/3.3248	99.000/3.8976				
5C5757 STD	CAMS	52.311/2.0595	55.575/2.1880	1.613/.0635	26.80/1.055	F23	5756
		52.324/2.0600	55.601/2.1890				
		52.311/2.0595	55.575/2.1880	1.613/.0635	24.13/.950	F23	5757
		52.324/2.0600	55.601/2.1890				

4 Engine	Year	Cyl	Bore x Stroke	4
140ci (2.3L) Duratec 23 Inline4 DOHC 4v	01/2001 - On	L4	87.4mm x 94.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8170A STD, .25, .50	CONROD	49.980/1.9677	53.025/2.0876	1.500/.0591	17.00/.669	F810	8170A IH
		50.000/1.9685	53.045/2.0884				
RACE SERIES 4B8170H STD, .025, .25	CONROD	49.980/1.9677	53.025/2.0876	1.500/.0591	17.00/.669	F781	8170H IH
		50.000/1.9685	53.045/2.0884				
RACE SERIES 4B8170HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.487/.0585	17.00/.669	F781	8170HX IH
		49.980/1.9677	53.025/2.0876				
5M8174A STD, .25, .50, .75	MAINS 1,2,3,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A L
		52.000/2.0472	57.037/2.2455				
	1,2,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A U
		52.000/2.0472	57.037/2.2455				
	3	51.980/2.0465	57.019/2.2448	2.504/.0986	25.75/1.014	F810	8174A(F) U
		52.000/2.0472	57.037/2.2455				



5 Engine		Year		Cyl	Bore x Stroke	5	
121ci (2.0L) Duratec 20 Inline4 DOHC 4v		01/2005 - On		L4	87.5mm x 83.1mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearing does not have a notch.</i>							
4B4390A STD, .25, .50, .75		46.980/1.8496	50.025/1.9695	1.505/.0593	16.25/.640	F810	4390A IH
		47.000/1.8504	50.045/1.9703				
RACE SERIES							
4B4390H STD, .025, .25		46.980/1.8496	50.025/1.9695	1.503/.0592	16.25/.640	F781	4390H IH
		47.000/1.8504	50.045/1.9703				
RACE SERIES							
4B4390HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.491/.0587	16.25/.640	F781	4390HX IH
		46.980/1.8496	50.025/1.9695				
CONROD <i>Bearing does not have a notch.</i>							
4B4390P STD, .25, .50		46.980/1.8496	50.025/1.9695	1.505/.0593	16.25/.640	F780	4390 IH
		47.000/1.8504	50.045/1.9703				
MAINS							
5M8174A STD, .25, .50, .75	1,2,3,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A L
		52.000/2.0472	57.037/2.2455				
	1,2,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A U
		52.000/2.0472	57.037/2.2455				
	3	51.980/2.0465	57.019/2.2448	2.504/.0986	25.75/1.014	F810	8174A(F) U
		52.000/2.0472	57.037/2.2455				

6 Engine		Year		Cyl	Bore x Stroke	6	
158ci 32D Inline3 OHV 2v Diesel		01/1965 - 12/1981		L4	4.20in x 3.80in		
175ci Inline3 OHV 2v Diesel		01/1965 - On		L3	4.20in x 4.20in		
192ci Inline3 OHV 2v Diesel		01/1975 - On		L3	111.8mm x 111.7mm		
201ci Inline3 OHV 2v		01/1965 - On		L6	4.40in x 4.40in		
201ci Inline3 OHV 2v Diesel		01/1965 - On		L6	4.40in x 4.40in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
3B1121P STD, 010, 020, 030, 040, 050,		69.840/2.7496	74.706/2.9412	2.400/.0945	35.81/1.410	F810	1121A IH
		69.860/2.7504	74.727/2.9420				
MAINS <i>Undersizes 040" to 060" have flanges Std+.010" wide.</i>							
4M1122A STD, 010, 020, 030, 040, 060	1,3,4	85.634/3.3714	92.055/3.6242	3.176/.1250	28.19/1.110	F810	1122A UL
		85.654/3.3722	92.075/3.6250				
	2	85.634/3.3714	92.055/3.6242	3.176/.1250	36.96/1.455	F810	1123A(F) UL
		85.654/3.3722	92.075/3.6250				
CAMS							
4C5806 STD	1,2,3,4	60.693/2.3895	64.364/2.5340	1.816/.0715	19.55/.770	F23	5806
		60.719/2.3905	64.890/2.5547				
PISTON PIN BUSH <i>Non-Turbo only.</i>							
RB4015 UNB		38.092/1.4997	41.275/1.6250	1.780/.0701	41.15/1.620	F100	RB4015
		38.100/1.5000	41.300/1.6260				

7 Engine		Year		Cyl	Bore x Stroke	7	
1993cc Cosworth YB (CH20) Inline4 DOHC 4v Turbo		01/1986 - 12/1997		L4	90.8mm x 77.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2166A STD, .25, .50, .75, 1.00, 1.50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.10/.791	F810	2166A IH
		52.000/2.0472	55.020/2.1661				
RACE SERIES							
4B2166H STD, .25, .50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.12/.792	F781	2166H IH
		52.000/2.0472	55.020/2.1661				
RACE SERIES							
4B2166HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.483/.0584	20.12/.792	F781	2166HX IH
		51.990/2.0468	55.000/2.1654				
52.000/2.0472		55.020/2.1661					



7 Continued ...							7
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M2167A STD, .25, .50, .75, 1.00, 1.50	MAINS 1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F810	2167A
		57.000/2.2441	60.640/2.3874				IH
RACE SERIES 5M2167H STD, .25, .50	MAINS 1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.803/.0710	23.75/.935	F780	2167H
		57.000/2.2441	60.640/2.3874				UL
RACE SERIES 5M2167HX STD	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.790/.0705	23.75/.935	F780	2167HX
		56.990/2.2437	60.620/2.3866				
5M2167P STD, .25, .50, .75, 1.00, 1.50	MAINS 1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F780	2167
		57.000/2.2441	60.640/2.3874				IH
2T2167 STD, 005	THRUST	<i>Was 2T2185.</i>			2.35/.093	F250	2167T
		63.600/2.5039	80.240/3.1590				
3C5816 STD	CAMS 1	41.996/1.6534	45.072/1.7745	1.511/.0595	20.24/.797	F23	5816
		42.012/1.6540	45.103/1.7757				
		44.615/1.7565	47.691/1.8776	1.511/.0595	17.27/.680	F23	5817
		44.630/1.7571	47.721/1.8788				
	2	44.955/1.7699	48.072/1.8926	1.511/.0595	16.25/.640	F23	5818
		45.011/1.7721	48.102/1.8938				

8 Engine				Year	Cyl	Bore x Stroke	8		
232ci (3.8L) V6 OHV 2v Supercharged <i>VIN Code R</i>				01/1989 - 12/1995	V6	96.8mm x 86.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
6B1283A STD, .25, .50, .75, 1.00	CONROD	58.674/2.3100	61.636/2.4266	1.462/.0576	17.06/.672	F810	5200A		
		58.699/2.3110	61.656/2.4274				IH		
4M1782A STD, .25, .50, .75	MAINS 1,2	63.983/2.5190	68.890/2.7122	2.451/.0965	23.58/.928	F810	7294WA		
		64.003/2.5198	68.910/2.7130				U		
	1,2	63.983/2.5190	68.890/2.7122	2.451/.0965	21.80/.858	F810	7294A		
		64.003/2.5198	68.910/2.7130				L		
	3	63.983/2.5190	68.890/2.7122	2.446/.0963	29.62/1.166	F810	7295A(F)		
	4	64.003/2.5198	68.910/2.7130				UL		
4C1447S STD	CAMS	<i>For 1988-2004 engines.</i>		1.763/.0694	16.26/.640	F23	5258		
		52.083/2.0505	55.664/2.1915						
		52.108/2.0515	55.687/2.1924						
	2,3	52.083/2.0505	55.664/2.1915	1.570/.0618	14.22/.560	F23	5259		
		52.108/2.0515	55.687/2.1924						
2BS1445S STD	BALANCE 1,2					F23	1445		



9	Engine	Year	Cyl	Bore x Stroke	9		
	281ci (4.6L) (Windsor) V8 SOHC 2v <i>VIN Codes 6,W,X</i>	01/1993 - 12/2010	V8	90.2mm x 90.0mm			
	281ci (4.6L) Triton (Windsor) V8 SOHC 2v <i>VIN Codes 6,W</i>	01/1997 - 12/2010	V8	90.2mm x 90.0mm			
	330ci (5.4L) (Windsor) V8 SOHC 2v Supercharged <i>VIN Code 3</i>	01/1999 - 12/2004	V8	90.2mm x 105.8mm			
	330ci (5.4L) V8 SOHC 2v <i>VIN Codes L,Z</i>	01/1997 - 12/2010	V8	90.2mm x 105.8mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
8B1442A STD, .25, .50, .75, 1.00		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F810	5636A IH
RACE SERIES 8B1442H STD, .025, .25	CONROD	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.925/.0758	20.95/.825	F781	5636H IH
RACE SERIES 8B1442HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.912/.0753	20.95/.825	F781	5636HX IH
8B1442P STD, .25, .50, .75, 1.00	CONROD	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F780	5636 IH
	MAINS	<i>Main set includes 3 thrustwashers to be used in #5 position. Windsor engine.</i>					
5M7296A STD, .25, .50, .75, 1.00	1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	19.26/.758	F810	7293A U
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	18.35/.722	F810	7296A L
	2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	20.06/.790	F810	7296WA U
	5	76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189		2.92/.115	F817	7296T UL
RACE SERIES 5M7296H STD, .025, .25	MAINS	<i>Includes 3 thrustwashers to be used in #5 position. Windsor engine.</i>					
	1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.26/.758	F780	5644H U
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5646H L
	2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	20.06/.790	F780	5645H U
	5	76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189		2.92/.115	F817	7296T UL
RACE SERIES 5M7296HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
	1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.430/.0957	19.26/.758	F780	5644HX U
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.430/.0957	18.35/.722	F780	5646HX L
	2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.430/.0957	20.06/.790	F780	5645HX U
	5	76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189		2.92/.115	F817	7296T UL
6C1100A STD, .25	CAMS						
	1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5194A L
	1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5195A U
8RB4113 UNB	PISTON PIN BUSH		24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	8RB4113
RB4113 UNB	PISTON PIN BUSH		24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	RB4113



10 Engine		Year	Cyl	Bore x Stroke	10		
281ci (4.6L) (Romeo) V8 SOHC 3v VIN Codes 8,H		01/2005 - 12/2010	V8	90.2mm x 90.0mm			
281ci (4.6L) Triton (Romeo) V8 SOHC 3v		01/2009 - 12/2010	V8	90.2mm x 90.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B1442A STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F810	5636A
		53.002/2.0867	56.886/2.2396				IH
RACE SERIES							
8B1442H STD, .025, .25		52.984/2.0860	56.865/2.2388	1.925/.0758	20.95/.825	F781	5636H
		53.002/2.0867	56.886/2.2396				IH
RACE SERIES							
8B1442HX STD		0.001" extra oil clearance on STD journal.		1.912/.0753	20.95/.825	F781	5636HX
		52.984/2.0860	56.865/2.2388				IH
53.002/2.0867		56.886/2.2396					
CONROD							
8B1442P STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F780	5636
		53.002/2.0867	56.886/2.2396				IH
MAINS							
5M5647A STD, .25, .50, .75, 1.00		76.000/2.9921	97.500/3.8386		2.36/.093	F817	5639T
		76.250/3.0020	97.750/3.8484				U
	1,2,3,4	67.480/2.6567	72.400/2.8504	2.443/.0962	18.35/.722	F810	5647A
		67.506/2.6577	72.423/2.8513				L
	1,2,3,4,5	67.480/2.6567	72.400/2.8504	2.443/.0962	19.25/.758	F810	5647WA
		67.506/2.6577	72.423/2.8513				U
	5	67.480/2.6567	72.400/2.8504	2.443/.0962	22.61/.890	F810	5648A(F)
		67.506/2.6577	72.423/2.8513				L
RACE SERIES							
5M5647H STD, .025, .25		76.000/2.9921	97.500/3.8386		2.36/.093	F817	5639T
		76.250/3.0020	97.750/3.8484				U
	1,2,3,4	67.480/2.6567	72.400/2.8504	2.443/.0962	18.35/.722	F780	5647H
		67.506/2.6577	72.423/2.8513				L
	1,2,3,4,5	67.480/2.6567	72.400/2.8504	2.443/.0962	19.25/.758	F780	5647WH
		67.506/2.6577	72.423/2.8513				U
	5	67.480/2.6567	72.400/2.8504	2.443/.0962	22.61/.890	F780	5648H(F)
		67.506/2.6577	72.423/2.8513				L
RACE SERIES							
5M5647HX STD		Main set contains thrust washer used in #5 upper position. .001" extra clearance on STD journal. For aluminium blocks, Romeo engine.		2.443/.0962	18.35/.722	F780	5647H
		67.480/2.6567	72.400/2.8504				L
	1,2,3,4,5	67.506/2.6577	72.423/2.8513	2.443/.0962	19.25/.758	F780	5647WH
		67.480/2.6567	72.400/2.8504				U
	5	67.506/2.6577	72.423/2.8513				U
		76.000/2.9921	97.500/3.8386		2.36/.093	F817	5639T
		76.250/3.0020	97.750/3.8484				U
	5	67.480/2.6567	72.400/2.8504	2.443/.0962	22.61/.890	F780	5648H(F)
		67.506/2.6577	72.423/2.8513				L
MAINS							
6C1100A STD, .25	1,2,3,4,5,6	26.937/1.0605	29.119/1.1464	1.083/.0426	14.70/.579	F810	5195A
		26.962/1.0615	29.144/1.1474				U
	1,2,3,4,5,6	26.937/1.0605	29.119/1.1464	1.083/.0426	14.70/.579	F810	5194A
		26.962/1.0615	29.144/1.1474				L

11 Engine		Year	Cyl	Bore x Stroke	11		
351ci (5.8L) Modified V8 OHV 2v		01/1975 - 12/1982	V8	4.00in x 3.50in			
400ci (6.6L) V8 OHV 2v		01/1970 - 12/1982	V8	4.00in x 4.00in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B927A STD, 010, 020, 030, 040		58.682/2.3103	61.880/2.4362	1.588/.0625	18.18/.716	F810	2106A
		58.702/2.3111	61.897/2.4369				IH



11 Continued ... **11**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 8B927H STD, 001, 010, 020	CONROD	58.682/2.3103 58.702/2.3111	61.877/2.4361 61.897/2.4369	1.585/.0624	18.18/.716	F781	2106H UL
8B927P STD, 010, 020, 030, 040	CONROD	58.682/2.3103 58.702/2.3111	61.880/2.4362 61.897/2.4369	1.588/.0625	18.18/.716	F780	2106 IH
5M1432A STD, 10, 20, 30, 40	MAINS	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	21.26/.837	F810	5207A L
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	21.26/.837	F810	2177A U
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	28.78/1.133	F810	2178A(F) U
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	28.78/1.133	F810	5209A(F) L
RACE SERIES 5M1432H STD, 001, 010	MAINS	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	21.26/.837	F780	5207H L
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	21.26/.837	F780	2177H U
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	28.78/1.133	F780	2178H(F) U
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	28.78/1.133	F780	5209H(F) L
RACE SERIES 5M1432HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>		2.417/.0952	21.26/.837	F780	2177HX U
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.417/.0952	21.26/.837	F780	5207HX L
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.417/.0952	28.78/1.133	F780	5209HX(F) L
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.417/.0952	28.78/1.133	F780	2178HX(F) U
5M981A STD, 010, 020, 030, 040	MAINS	<i>Fully grooved set. Alternate part number 5M2177A</i>		2.433/.0958	21.26/.837	F810	2177A IH
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	28.78/1.133	F810	2178A(F) IH
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	28.78/1.133	F810	2178A(F) IH
5C5696 STD	CAMS	<i>Was 5C710S.</i>		1.572/.0619	17.02/.670	F23	5696
	1	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.572/.0619	17.02/.670	F23	5696
	2	52.464/2.0655 52.489/2.0665	55.601/2.1890 55.626/2.1900	1.544/.0608	17.02/.670	F23	5616
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.544/.0608	17.02/.670	F23	5617
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.544/.0608	17.02/.670	F23	5618
	5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.544/.0608	17.02/.670	F23	5619

12 Engine	Year	Cyl	Bore x Stroke	12
421ci (6.9L) Navistar V8 OHV 2v Diesel	01/1983 - 12/1987	V8	101.6mm x 106.2mm	
445ci (7.3L) IDI Navistar V8 OHV 2v Diesel	01/1988 - 12/1994	V8	104.4mm x 106.2mm	
445ci (7.3L) IDI Navistar V8 OHV 2v T/Diesel	01/1992 - 12/1994	V8	104.4mm x 106.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B1327P STD, 001, 010, 020, 030	CONROD	63.449/2.4980 63.475/2.4990	68.339/2.6905 68.364/2.6915	2.418/.0952	22.55/.888	F780	5241 IH



12 Continued ...							12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1596A STD, 010, 020, 030	MAINS						
	1,2,4,5	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/.0949	22.20/.874	F810	2934A UL
	3	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/.0949	28.70/1.130	F810	2935A(F) UL
	MAINS						
5M1596P STD, 010, 020, 030	1,2,4,5	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/.0949	22.20/.874	F780	2934 UL
	3	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/.0949	28.70/1.130	F780	2935(F) UL
	CAMS						
	1	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/.0646	20.07/.790	F23	5262
5C1092S STD	2,3,4,5	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/.0646	16.64/.655	F23	5263
	PISTON PIN BUSH						
RB4230 UNB			31.433/1.2375 31.445/1.2380		27.38/1.078	F100	RB4230

13 Engine			Year	Cyl	Bore x Stroke	13	
415ci (6.8L) Triton V10 SOHC 2v VIN Code S			01/1997 - 12/2009	V10	90.1mm x 105.7mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
10B1442A STD, .25, .50, .75, 1.00	CONROD		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F810 5636A IH
	MAINS		<i>Set includes 3 piece thrustwasher set.</i>				
6M7296A STD, .25, .50, .75, 1.00	1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	19.26/.758	F810	7293A U
	1,2,3,4,5,6	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	18.35/.722	F810	7296A L
	2,3,4,5,6	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	20.06/.790	F810	7296WA U
	6	76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189		2.92/.115	F817	7296T UL
	CAMS		<i>Repair inserts for LEFT cylinder bank.</i>				
	7C5197LA STD, .25	0,1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810
0,2,3,4,6		26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5195A U
1,5		26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5197A U
CAMS		<i>Repair inserts for RIGHT cylinder bank.</i>					
7C5197RA STD, .25	0,1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5194A L
	0,1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5195A U
	BALANCE		<i>Balance Shaft - repair inserts.</i>				
3BS5196A STD, .25	A	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5196A L
	A,B,C	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5195A U
	B,C	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5197A L



14	Engine	Year	Cyl	Bore x Stroke	14
	330ci (5.4L) InTech V8 DOHC 4v <i>VIN Code A,R</i>	01/1999 - 12/2004	V8	90.2mm x 105.7mm	
	330ci (5.4L) V8 SOHC 3v <i>VIN Codes 5,V</i>	01/2004 - 12/2010	V8	90.2mm x 105.8mm	
	5.4L (Australia) V8 DOHC 4v Boss 260	10/2002 - 05/2008	V8	90.2mm x 105.8mm	
	5.4L (Australia) V8 DOHC 4v Boss 290	10/2002 - 10/2010	V8	90.2mm x 105.8mm	
	5.4L (Australia) V8 DOHC 4v Boss 302	11/2007 - 10/2010	V8	90.2mm x 105.8mm	
	5.4L (Australia) V8 DOHC 4v Boss 315	05/2008 - 10/2010	V8	90.2mm x 105.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B1442A STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F810	5636A
		53.002/2.0867	56.886/2.2396				IH
RACE SERIES							
8B1442H STD, .025, .25		52.984/2.0860	56.865/2.2388	1.925/.0758	20.95/.825	F781	5636H
		53.002/2.0867	56.886/2.2396				IH
RACE SERIES							
8B1442HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.912/.0753	20.95/.825	F781	5636HX
		52.984/2.0860	56.865/2.2388				IH
53.002/2.0867		56.886/2.2396					
CONROD							
8B1442P STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F780	5636
		53.002/2.0867	56.886/2.2396				IH
MAINS							
5M7296A STD, .25, .50, .75, 1.00	1	<i>Main set includes 3 thrustwashers to be used in #5 position. Windsor engine.</i>					
		67.480/2.6567	72.400/2.8504	2.443/.0962	19.26/.758	F810	7293A
		67.506/2.6577	72.421/2.8512				U
	1,2,3,4,5	67.480/2.6567	72.400/2.8504	2.443/.0962	18.35/.722	F810	7296A
		67.506/2.6577	72.421/2.8512				L
	2,3,4,5	67.480/2.6567	72.400/2.8504	2.443/.0962	20.06/.790	F810	7296WA
		67.506/2.6577	72.421/2.8512				U
	5	76.750/3.0216	96.750/3.8090		2.92/.115	F817	7296T
		77.000/3.0315	97.000/3.8189				UL
	RACE SERIES						
5M7296H STD, .025, .25	1	<i>Includes 3 thrustwashers to be used in #5 position. Windsor engine.</i>					
		67.480/2.6567	72.400/2.8504	2.443/.0962	19.26/.758	F780	5644H
		67.506/2.6577	72.423/2.8513				U
	1,2,3,4,5	67.480/2.6567	72.400/2.8504	2.443/.0962	18.35/.722	F780	5646H
		67.506/2.6577	72.423/2.8513				L
	2,3,4,5	67.480/2.6567	72.400/2.8504	2.443/.0962	20.06/.790	F780	5645H
		67.506/2.6577	72.423/2.8513				U
	5	76.750/3.0216	96.750/3.8090		2.92/.115	F817	7296T
		77.000/3.0315	97.000/3.8189				UL
	RACE SERIES						
5M7296HX STD	1	<i>0.001" extra oil clearance on STD journal.</i>					
		67.480/2.6567	72.400/2.8504	2.430/.0957	19.26/.758	F780	5644HX
		67.506/2.6577	72.423/2.8513				U
	1,2,3,4,5	67.480/2.6567	72.400/2.8504	2.430/.0957	18.35/.722	F780	5646HX
		67.506/2.6577	72.423/2.8513				L
	2,3,4,5	67.480/2.6567	72.400/2.8504	2.430/.0957	20.06/.790	F780	5645HX
		67.506/2.6577	72.423/2.8513				U
	5	76.750/3.0216	96.750/3.8090		2.92/.115	F817	7296T
		77.000/3.0315	97.000/3.8189				UL
	PISTON PIN BUSH						
8RB4113 UNB			24.000/.9449	1.300/.0512	23.75/.935	F100	8RB4113
			24.000/.9449				
PISTON PIN BUSH							
RB4113 UNB			24.000/.9449	1.300/.0512	23.75/.935	F100	RB4113
			24.000/.9449				



15 Engine		Year	Cyl	Bore x Stroke	15		
155ci (2.5L) Duratec 25 V6 DOHC 4v VIN Codes G,L		01/1994 - 12/2001	V6	82.4mm x 79.5mm			
181ci (3.0L) Duratec 30 V6 DOHC 4v VIN Codes I,S		03/1996 - 12/2006	V6	89.0mm x 79.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B4395A STD, .25, .50, .75		49.972/1.9674	53.015/2.0872	1.501/.0591	18.00/.709	F810	4395A
		49.990/1.9681	53.035/2.0880				
MAINS <i>Set includes thrustwasher.</i>							
4M7262A STD, .25, .50, .75	1,2,4,5	62.969/2.4791	67.998/2.6771	2.502/.0985	17.90/.705	F810	7262A
		62.992/2.4800	68.021/2.6780				
	3	62.969/2.4791	67.998/2.6771	2.502/.0985	22.30/.878	F810	7263A
		62.992/2.4800	68.021/2.6780				L
PISTON PIN BUSH							
RB4114 UNB			24.015/.9455 24.040/.9465	1.850/.0728	21.00/.827	F100	RB4114

16 Engine		Year	Cyl	Bore x Stroke	16		
2500cc Duratorq (Mazda) Inline4 DOHC 4v T/Diesel		12/2006 - On	L4	93.0mm x 92.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8240A STD, .25, .50, .75, 1.00		54.940/2.1630	58.020/2.2842	1.505/.0593	23.60/.929	F810	8240A
		54.955/2.1636	58.000/2.2835				
MAINS							
5M8242A STD, .25, .50, .75, 1.00	1,2,4,5	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A
		66.955/2.6360	71.020/2.7961				
	3	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A
		66.955/2.6360	71.020/2.7961				UL
THRUST							
2T8242 STD		74.900/2.9488 75.150/2.9587	91.350/3.5964 91.600/3.6063		2.49/.098	F817	8242T UL

17 Engine		Year	Cyl	Bore x Stroke	17		
2953cc Duratorq (Mazda) Inline4 DOHC 4v T/Diesel		12/2006 - On	L4	96.0mm x 102.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8243P STD, .25, .50, .75, 1.00		56.940/2.2417	60.005/2.3624	1.511/.0595	23.60/.929	F780	8243
		56.955/2.2423	60.020/2.3630				
MAINS							
5M8242A STD, .25, .50, .75, 1.00	1,2,4,5	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A
		66.955/2.6360	71.020/2.7961				
	3	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A
		66.955/2.6360	71.020/2.7961				UL
THRUST							
2T8242 STD		74.900/2.9488 75.150/2.9587	91.350/3.5964 91.600/3.6063		2.49/.098	F817	8242T UL



18	Engine	Year	Cyl	Bore x Stroke	18
	238ci (3.9L) V6 OHV 2v <i>VIN Code 6</i>	01/2004 - 12/2007	V6	96.8mm x 88.0mm	
	256ci (4.2L) Triton V6 OHV 2v <i>VIN Code 2</i>	01/1997 - 12/2008	V6	96.8mm x 95.0mm	
	256ci (4.2L) V6 OHV 2v <i>VIN Code 2</i>	01/2004 - 12/2007	V6	96.8mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B4500A STD, .25, .50, .75		58.682/2.3103	61.630/2.4264	1.460/.0575	19.90/.783	F810	4500A
		58.702/2.3111	61.648/2.4271				IH
MAINS <i>Supersedes 4M1561P.</i>							
4M7295A STD, .25, .50, .75	1,2,4	63.983/2.5190	68.890/2.7122	2.451/.0965	21.80/.858	F810	7294A
		64.003/2.5198	68.910/2.7130				L
	1,2,4	63.983/2.5190	68.890/2.7122	2.451/.0965	23.58/.928	F810	7294WA
		64.003/2.5198	68.910/2.7130				U
	3	63.983/2.5190	68.890/2.7122	2.446/.0963	29.62/1.166	F810	7295A(F)
		64.003/2.5198	68.910/2.7130				UL
CAMS <i>For 1988-2004 engines.</i>							
4C1447S STD	1,4	52.083/2.0505	55.664/2.1915	1.763/.0694	16.26/.640	F23	5258
		52.108/2.0515	55.687/2.1924				
	2,3	52.083/2.0505	55.664/2.1915	1.570/.0618	14.22/.560	F23	5259
		52.108/2.0515	55.687/2.1924				
BALANCE							
2B51445S STD	1,2					F23	1445

19	Engine	Year	Cyl	Bore x Stroke	19
	302ci (5.0L) Coyote V8 DOHC 4v <i>VIN Code F</i>	10/2010 - On	V8	92.2mm x 92.7mm	
	330ci (5.4L) V8 (CI Block) (GT500) DOHC 4v Supercharged <i>From Shelby GT500.</i>	01/2007 - 12/2011	V8	90.2mm x 105.7mm	
	5.0L (Australia) V8 DOHC 4v S/Charged Boss 315	10/2010 - On	V8	92.2mm x 92.7mm	
	5.0L (Australia) V8 DOHC 4v S/Charged Boss 335	10/2010 - On	V8	92.2mm x 92.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B1442A STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F810	5636A
		53.002/2.0867	56.886/2.2396				IH
RACE SERIES							
8B1442H STD, .025, .25		52.984/2.0860	56.865/2.2388	1.925/.0758	20.95/.825	F781	5636H
		53.002/2.0867	56.886/2.2396				IH
RACE SERIES							
8B1442HX STD		52.984/2.0860	56.865/2.2388	1.912/.0753	20.95/.825	F781	5636HX
		53.002/2.0867	56.886/2.2396				IH
CONROD <i>0.001" extra oil clearance on STD journal.</i>							
8B1442P STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F780	5636
		53.002/2.0867	56.886/2.2396				IH

20	Engine	Year	Cyl	Bore x Stroke	20
	281ci (4.6L) V8 DOHC 4v Supercharged <i>VIN Code Y</i>	01/2003 - 12/2004	V8	90.2mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B1442A STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F810	5636A
		53.002/2.0867	56.886/2.2396				IH



20		Continued ...						20
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES 8B1442H STD, .025, .25	CONROD	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.925/.0758	20.95/.825	F781	5636H IH	
RACE SERIES 8B1442HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.912/.0753	20.95/.825	F781	5636HX IH	
8B1442P STD, .25, .50, .75, 1.00	CONROD	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F780	5636 IH	
5M5647A STD, .25, .50, .75, 1.00	MAINS	76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U	
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F810	5647A L	
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F810	5647WA U	
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F810	5648A(F) L	
RACE SERIES 5M5647H STD, .025, .25	MAINS	<i>Main set contains thrust washer used in #5 upper position. For Aluminium blocks, Romeo engine.</i>			2.36/.093	F817	5639T U	
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5647H L	
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F780	5647WH U	
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F780	5648H(F) L	
RACE SERIES 5M5647HX STD	MAINS	<i>Main set contains thrust washer used in #5 upper position. .001" extra clearance on STD journal. For aluminium blocks, Romeo engine.</i>			2.36/.093	F817	5639T U	
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5647H L	
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F780	5647WH U	
	5	76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U	
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F780	5648H(F) L	
6C1201A STD, .25	CAMS	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5192A U	
	1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5190A L	
	2,3,4,5,8,9,10,	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	11.80/.465	F810	5191A L	
	2,3,4,5,8,9,10,	26.962/1.0615 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	11.80/.465	F810	5193A U	
8RB4113 UNB	PISTON PIN BUSH		24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	8RB4113	
RB4113 UNB	PISTON PIN BUSH		24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	RB4113	



21 Engine		Year	Cyl	Bore x Stroke	21		
281ci (4.6L) Triton (Romeo) V8 SOHC 2v VIN Code W		01/1997 - 12/2010	V8	90.2mm x 90.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B1442A STD, .25, .50, .75, 1.00		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F810	5636A IH
RACE SERIES							
8B1442H STD, .025, .25		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.925/.0758	20.95/.825	F781	5636H IH
RACE SERIES							
8B1442HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.912/.0753	20.95/.825	F781	5636HX IH
CONROD							
8B1442P STD, .25, .50, .75, 1.00		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F780	5636 IH
MAINS							
<i>For Engines with Cast Iron Block Main set contains thrust washer used in #5 upper position. For cast iron blocks, Romeo engine.</i>							
5M2007A STD, .25, .50, .75, 1.00	1,2,3,4	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/.0962	18.25/.719	F810	5638A L
	1,2,3,4,5	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/.0962	19.12/.753	F810	5638WA U
	5	76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
	5	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/.0962	22.61/.890	F810	5639A(F) L
	MAINS						
5M5647A STD, .25, .50, .75, 1.00		76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F810	5647A L
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F810	5647WA U
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F810	5648A(F) L
	MAINS						
<i>For Engines with Aluminium Block Main set contains thrust washer used in #5 upper position. For Aluminium blocks, Romeo engine.</i>							
5M5647H STD, .025, .25		76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5647H L
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F780	5647WH U
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F780	5648H(F) L
	MAINS						
<i>For Engines with Aluminium Block Main set contains thrust washer used in #5 upper position. .001" extra clearance on STD journal. For aluminium blocks, Romeo engine.</i>							
5M5647HX STD	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5647H L
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F780	5647WH U
	5	76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F780	5648H(F) L
	CAMS						
6C1100A STD, .25	1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5195A U
	1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5194A L



21 Continued ...							21
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
8RB4113 UNB			24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	8RB4113
PISTON PIN BUSH							
RB4113 UNB			24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	RB4113

22 Engine			Year	Cyl	Bore x Stroke	22			
250ci (4.1L) Inline6 OHV 2v (US version) VIN C,L			01/1969 - 12/1980	L6	3.68in x .15in				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
CONROD <i>Was 6B583A</i>									
6B2150A STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F810	2150A IH		
RACE SERIES									
6B2150H STD, 001, 010, 020		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH		
RACE SERIES									
6B2150HX STD		<i>0.001" extra oil clearance on STD journal.</i>		53.934/2.1234 53.945/2.1238	56.891/2.2398 56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH
CONROD									
6B2150P STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F780	2150 IH		
MAINS									
7M979A STD, 001, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/.0956	24.13/.950	F810	2185A UL		
	5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	30.35/1.195	F810	2187A(F) UL		
MAINS <i>Was 7M2185.</i>									
7M979P STD, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/.0956	24.13/.950	F780	2185 UL		
	5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	30.35/1.195	F780	2187(F) UL		
CAMS <i>Was 4C703S. #4 position cam (5746) - bleeder groove to face inwards</i>									
4C5826 STD	1	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5826		
	2	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827		
	3	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828		
	4	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790	2.116/.0833	18.54/.730	F23	5746		

23 Engine			Year	Cyl	Bore x Stroke	23	
221ci (3.6L) V8 OHV 2v			01/1962 - 12/1963	V8	3.50in x 2.87in		
255ci (4.2L) V8 OHV 2v			01/1980 - 12/1982	V8	93.5mm x 76.2mm		
260ci (4.3L) V8 OHV 2v			01/1962 - 01/1965	V8	3.80in x 2.87in		
289ci (4.7L) V8 OHV 2v			01/1963 - 03/1968	V8	4.00in x 2.87in		
302ci (5.0L) Windsor V8 OHV 2v Carb.			01/1968 - 12/1985	V8	4.00in x 3.00in		
302ci (5.0L) Windsor V8 OHV 2v EFI			01/1983 - 07/2003	V8	101.6mm x 76.2mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B634A STD, 01, 10, 20, 30, 40		53.919/2.1228 53.939/2.1236	56.871/2.2390 56.891/2.2398	1.458/.0574	18.44/.726	F810	2131A IH
RACE SERIES							
8B634H STD, 001, 009, 010, 011, 020		53.919/2.1228 53.939/2.1236	56.871/2.2390 56.891/2.2398	1.460/.0575	18.44/.726	F781	2131H UL



23		Continued ...						23
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES	CONROD	<i>Lowers contain dowel holes.</i>						
8B634HD STD, 001, 010		53.919/2.1228	56.871/2.2390	1.460/.0575	18.44/.726	F781	2131HD	
		53.939/2.1236	56.891/2.2398				L	
		53.919/2.1228	56.871/2.2390	1.460/.0575	18.44/.726	F781	2131H	
		53.939/2.1236	56.891/2.2398				U	
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>						
8B634HX STD		53.919/2.1228	56.871/2.2390	1.447/.0570	18.44/.726	F781	2131HX	
		53.939/2.1236	56.891/2.2398				UL	
RACE SERIES	CONROD	<i>Lowers contain dowel holes.</i>						
8B634HXD STD		53.919/2.1228	56.871/2.2390	1.447/.0570	18.44/.726	F781	2131HDX	
		53.939/2.1236	56.891/2.2398				L	
		53.919/2.1228	56.871/2.2390	1.447/.0570	18.44/.726	F781	2131HX	
		53.939/2.1236	56.891/2.2398				U	
8B634P STD, 010, 020, 030, 040	CONROD	<i>Was 8B2131.</i>						
		53.919/2.1228	56.871/2.2390	1.458/.0574	18.44/.726	F780	2131	
		53.939/2.1236	56.891/2.2398				IH	
5M590A STD, 01, 10, 20, 30, 40	MAINS	1,2,4,5	57.104/2.2482	62.006/2.4412	2.438/.0960	22.48/.885	F810	2132A
			57.125/2.2490	62.027/2.4420				UL
		3	57.104/2.2482	62.006/2.4412	2.438/.0960	28.78/1.133	F810	2133A(F)
			57.125/2.2490	62.027/2.4420				UL
RACE SERIES	MAINS	1,2,4,5	57.104/2.2482	62.006/2.4412	2.431/.0957	22.48/.885	F780	2132H
5M590H STD, 001, 009, 010, 011, 020			57.125/2.2490	62.027/2.4420				UL
		3	57.104/2.2482	62.006/2.4412	2.431/.0957	28.78/1.133	F780	2133H(F)
			57.125/2.2490	62.027/2.4420				UL
	RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
5M590HX STD		1,2,4,5	57.104/2.2482	62.006/2.4412	2.418/.0952	22.48/.885	F780	2132HX
			57.125/2.2490	62.027/2.4420				UL
		3	57.104/2.2482	62.006/2.4412	2.418/.0952	28.78/1.133	F780	2133HX(F)
			57.125/2.2490	62.027/2.4420				UL
5M590P STD, 010, 020, 030, 040	MAINS	1,2,4,5	57.104/2.2482	62.006/2.4412	2.438/.0960	22.48/.885	F780	2132
			57.125/2.2490	62.027/2.4420				UL
		3	57.104/2.2482	62.006/2.4412	2.438/.0960	28.78/1.133	F780	2133(F)
			57.125/2.2490	62.027/2.4420				UL
RACE SERIES	CAMS	<i>For engines with constant housing bores at 2.2041" - 2.2051".</i>						
5C1763S STD		1,2,3,4,5	52.845/2.0805	55.982/2.2040	1.544/.0608	17.02/.670	F830	5610C
			52.870/2.0815	56.070/2.2075				
5C5616 STD	CAMS	<i>Was 5C510S.</i>						
		1	52.845/2.0805	55.982/2.2040	1.544/.0608	17.02/.670	F23	5610
			52.870/2.0815	56.070/2.2075				
		2	52.464/2.0655	55.601/2.1890	1.544/.0608	17.02/.670	F23	5616
			52.489/2.0665	55.626/2.1900				
		3	52.083/2.0505	55.220/2.1740	1.544/.0608	17.02/.670	F23	5617
			52.108/2.0515	55.245/2.1750				
		4	51.702/2.0355	54.839/2.1590	1.544/.0608	17.02/.670	F23	5618
			51.727/2.0365	54.864/2.1600				
		5	51.321/2.0205	54.458/2.1440	1.544/.0608	17.02/.670	F23	5619
			51.346/2.0215	54.483/2.1450				
RACE SERIES	CAMS	<i>Was 5C510S.</i>						
5C5616C STD		1	52.845/2.0805	55.982/2.2040	1.544/.0608	17.02/.670	F830	5610C
			52.870/2.0815	56.070/2.2075				
		2	52.464/2.0655	55.601/2.1890	1.544/.0608	17.02/.670	F830	5616C
			52.489/2.0665	55.626/2.1900				
		3	52.083/2.0505	55.220/2.1740	1.544/.0608	17.02/.670	F830	5617C
			52.108/2.0515	55.245/2.1750				
		4	51.702/2.0355	54.839/2.1590	1.544/.0608	17.02/.670	F830	5618C
			51.727/2.0365	54.864/2.1600				



23 Continued ...							23
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5C5616C STD	5	51.321/2.0205	54.458/2.1440	1.544/.0608	17.02/.670	F830	5619C
		51.346/2.0215	54.483/2.1450				

24 Engine				Year	Cyl	Bore x Stroke	24
200ci (3.3L) (7 main) Inline6 OHV 2v				01/1965 - 12/1983	L6	3.68in x 3.13in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

		CONROD <i>Was 6B583A</i>						
6B2150A STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F810	2150A IH	
		53.945/2.1238	56.891/2.2398					
RACE SERIES		CONROD						
6B2150H STD, 001, 010, 020		53.934/2.1234	56.871/2.2390	1.455/.0573	20.57/.810	F781	2150H IH	
		53.945/2.1238	56.891/2.2398					
RACE SERIES		CONROD <i>0.001" extra oil clearance on STD journal.</i>						
6B2150HX STD		53.934/2.1234	56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH	
		53.945/2.1238	56.891/2.2398					
		CONROD						
6B2150P STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150 IH	
		53.945/2.1238	56.891/2.2398					
		MAINS <i>Half groove set.</i>						
7M1389A STD, 010, 020, 030, 040	1,2,3,4,6,7	57.104/2.2482	60.990/2.4012	1.928/.0759	25.90/1.020	F810	5224A L	
		57.125/2.2490	61.011/2.4020					
	1,2,3,4,6,7	57.019/2.2448	60.995/2.4014	1.928/.0759	25.90/1.020	F810	2126A U	
		57.119/2.2488	61.006/2.4018					
	5	57.104/2.2482	60.990/2.4012	1.928/.0759	32.28/1.271	F810	2125A(F) L	
		57.124/2.2490	61.011/2.4020					
	5	57.104/2.2482	60.990/2.4012	1.928/.0759	32.28/1.271	F810	2127A(F) U	
		57.124/2.2490	61.011/2.4020					
		MAINS <i>Full groove set. Was 7M771A.</i>						
7M2126A STD, 010, 020, 030, 040	1,2,3,4,6,7	57.109/2.2484	60.995/2.4014	1.928/.0759	25.90/1.020	F810	2126A IH	
		57.119/2.2488	61.006/2.4018					
	5	57.104/2.2482	60.990/2.4012	1.928/.0759	32.28/1.271	F810	2127A(F) IH	
		57.124/2.2490	61.011/2.4020					
			CAMS <i>Was 4C703S. #4 position cam (5746) - bleeder groove to face inwards</i>					
	4C5826 STD	1	45.961/1.8095	49.098/1.9330	1.544/.0608	18.54/.730	F23	5826
		45.987/1.8105	49.124/1.9340					
2		45.961/1.8095	49.480/1.9480	1.735/.0683	18.54/.730	F23	5827	
		45.987/1.8105	49.505/1.9490					
	3	45.961/1.8095	49.860/1.9630	1.925/.0758	18.54/.730	F23	5828	
		45.987/1.8105	49.886/1.9640					
	4	45.961/1.8095	50.241/1.9780	2.116/.0833	18.54/.730	F23	5746	
		45.987/1.8105	50.267/1.9790					

25 Engine				Year	Cyl	Bore x Stroke	25
153ci (2.5L) Lima Inline4 SOHC 2v VIN Code C				01/1998 - 12/2001	L4	96.0mm x 86.3mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

		CONROD					
4B984A STD, 010, 020, 030		51.981/2.0465	55.169/2.1720	1.585/.0624	20.32/.800	F810	2186A IH
		51.999/2.0472	55.189/2.1728				
		MAINS <i>For dual spark plug engines.</i>					
5M1743A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.010/2.2051	60.886/2.3971	2.428/.0956	24.13/.950	F810	1753A L
		56.030/2.2059	60.907/2.3979				
	1,2,4,5	56.010/2.2051	60.886/2.3971	2.428/.0956	24.13/.950	F810	1753A U
		56.030/2.2059	60.907/2.3979				
	3	56.010/2.2051	60.886/2.3971	2.428/.0956	30.33/1.194	F810	1754A(F) U
		56.030/2.2059	60.907/2.3979				



25 Continued ...							25	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES		MAINS <i>For dual spark plug engines.</i>						
5M1743H STD, 001, 010, 020	1,2,3,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.423/.0954	24.13/.950	F780	1753H L	
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.423/.0954	24.13/.950	F780	1753H U	
	3	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.423/.0954	30.33/1.194	F780	1754H(F) U	
RACE SERIES		MAINS <i>For dual spark plug engines.</i>						
5M1743HX STD	1,2,3,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.410/.0949	24.13/.950	F780	1753HX L	
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.410/.0949	24.13/.950	F780	1753HX U	
	3	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.410/.0949	30.33/1.194	F780	1754HX(F) U	
5M1743P STD, .25, .50, .75, 1.00		MAINS <i>For dual spark plug engines.</i>						
	1,2,3,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	24.13/.950	F780	1753 L	
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	24.13/.950	F780	1753 U	
	3	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	30.33/1.194	F780	1754(F) U	
4C777BS STD		CAMS <i>360 OD Groove. Special oil control bearing - differs from OEM design.</i>						
	1,2,3,4	44.990/1.7713 45.010/1.7720	48.275/1.9006 48.300/1.9016	1.620/.0638	17.73/.698	F23	5253	
		4C777S STD						
	1,2,3,4	44.990/1.7713 45.010/1.7720	48.275/1.9006 48.300/1.9016	1.620/.0638	17.73/.698	F23	5254	
		2C1095S STD						
	1	41.960/1.6520 41.986/1.6530	45.644/1.7970 45.670/1.7980	1.810/.0713	12.83/.505	F820	7341	
		2	41.960/1.6520 41.986/1.6530	45.136/1.7770 45.160/1.7779	1.550/.0610	12.83/.505	F820	7342

26 Engine	Year	Cyl	Bore x Stroke	26
140ci (2.3L) Lima Inline4 SOHC 2v <i>VIN Codes 2,6,A,B,M,Y</i>	01/1974 - 12/1997	L4	96.0mm x 79.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B984A STD, 010, 020, 030		CONROD						
		51.981/2.0465 51.999/2.0472	55.169/2.1720 55.189/2.1728	1.585/.0624	20.32/.800	F810	2186A IH	
		5M1117A STD, 010, 020, 030, 040						
	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/.0956	24.13/.950	F810	2185A UL	
		3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	30.35/1.195	F810	2187A(F) UL
			RACE SERIES					
5M1117H STD, 001, 010, 020		MAINS <i>For single spark plug engines.</i>						
	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.425/.0955	24.13/.950	F780	2194H L	
		1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.425/.0955	24.13/.950	F780	2185H U
			3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.425/.0955	30.35/1.195	F780
RACE SERIES		MAINS <i>For single spark plug engines.</i>						
5M1117HX STD	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.412/.0950	24.13/.950	F780	2194HX L	
		1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.412/.0950	24.13/.950	F780	2185HX U



26 Continued ...							26
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M117HX STD	3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.412/.0950	30.35/1.195	F780	2187HX(F) UL
MAINS		<i>For single spark plug engines.</i>					
5M1117P STD, 010, 020, 030, 040	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/.0956	24.13/.950	F780	2185 UL
	3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	30.35/1.195	F780	2187(F) UL
MAINS		<i>For dual spark plug engines.</i>					
5M1743A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	24.13/.950	F810	1753A L
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	24.13/.950	F810	1753A U
	3	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	30.33/1.194	F810	1754A(F) U
RACE SERIES		<i>For dual spark plug engines.</i>					
5M1743H STD, 001, 010, 020	1,2,3,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.423/.0954	24.13/.950	F780	1753H L
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.423/.0954	24.13/.950	F780	1753H U
	3	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.423/.0954	30.33/1.194	F780	1754H(F) U
RACE SERIES		<i>For dual spark plug engines.</i>					
5M1743HX STD	1,2,3,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.410/.0949	24.13/.950	F780	1753HX L
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.410/.0949	24.13/.950	F780	1753HX U
	3	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.410/.0949	30.33/1.194	F780	1754HX(F) U
MAINS		<i>For dual spark plug engines.</i>					
5M1743P STD, .25, .50, .75, 1.00	1,2,3,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	24.13/.950	F780	1753 L
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	24.13/.950	F780	1753 U
	3	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	30.33/1.194	F780	1754(F) U
CAMS		<i>360 OD Groove. Special oil control bearing - differs from OEM design.</i>					
4C777BS STD	1,2,3,4	44.990/1.7713 45.010/1.7720	48.275/1.9006 48.300/1.9016	1.620/.0638	17.73/.698	F23	5253
CAMS							
4C777S STD	1,2,3,4	44.990/1.7713 45.010/1.7720	48.275/1.9006 48.300/1.9016	1.620/.0638	17.73/.698	F23	5254

27 Engine				Year	Cyl	Bore x Stroke	27
122ci (2.0L) CVH Inline4 SOHC 2v VIN Code P				01/1997 - 12/2004	L4	87.9mm x 87.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1380A STD, .25, .50		43.888/1.7279 43.909/1.7287	46.888/1.8460 46.909/1.8468	1.488/.0586	19.50/.768	F810	5231A IH
MAINS							
5M1706A STD, .25, .50, .75	1,2,3,4,5	57.980/2.2827 58.000/2.2835	62.286/2.4522 62.300/2.4528	2.128/.0838	21.45/.845	F810	5235A L
	1,2,4,5	57.980/2.2827 58.000/2.2835	62.286/2.4522 62.300/2.4528	2.128/.0838	22.45/.884	F810	5236A U
	3	57.980/2.2827 58.000/2.2835	62.286/2.4522 62.300/2.4528	2.128/.0838	28.73/1.131	F810	5237A(F) U



28 Engine		Year		Cyl	Bore x Stroke	28	
116ci (1.9L) CVH Inline4 SOHC 2v <i>VIN Codes 9,K,J</i>		01/1985 - 12/1996		L4	81.9mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1276A STD, 010, 020, 030		47.889/1.8854	50.889/2.0035	1.487/.0585	19.35/.762	F810	5226A
		47.909/1.8862	50.909/2.0043				IH
CONROD							
4B1380A STD, .25, .50		43.888/1.7279	46.888/1.8460	1.488/.0586	19.50/.768	F810	5231A
		43.909/1.7287	46.909/1.8468				IH
MAINS							
5M1706A STD, .25, .50, .75	1,2,3,4,5	57.980/2.2827	62.286/2.4522	2.128/.0838	21.45/.845	F810	5235A
		58.000/2.2835	62.300/2.4528				L
	1,2,4,5	57.980/2.2827	62.286/2.4522	2.128/.0838	22.45/.884	F810	5236A
		58.000/2.2835	62.300/2.4528				U
	3	57.980/2.2827	62.286/2.4522	2.128/.0838	28.73/1.131	F810	5237A(F)
		58.000/2.2835	62.300/2.4528				U
CAMS <i>OHC Repair Bush Set</i>							
5C6003S STD	1			1.277/.0503	23.50/.925	F23	5350
	2			1.214/.0478	23.50/.925	F23	5351
	3			1.151/.0453	23.50/.925	F23	5352
	4			1.087/.0428	23.50/.925	F23	5353
	5			1.024/.0403	23.50/.925	F23	5354

29 Engine		Year		Cyl	Bore x Stroke	29	
1597cc Zetec-E Inline4 DOHC 4v <i>Engine Codes L1E, L1F, L1G, L1H, L1J, L1K, L1L, L1N, L1Q</i>		10/1992 - 12/2004		L4	76.0mm x 88.0mm		
1796cc EY Series Zetec-E Inline4 DOHC 4v <i>Engine Codes EYDC, EYDD, EYDE, EYDF, EYDG, EYDI, EYDJ, EYDL</i>		08/1998 - 05/2005		L4	80.6mm x 88.0mm		
1796cc R Series Zetec-E Inline4 DOHC 4v <i>Engine Codes RDA, RDB, RKA, RKB, RKC, RKF, RKH, RKJ, RKK, RQB, RQC</i>		02/1992 - 09/2001		L4	80.6mm x 88.0mm		
1988cc Zetec-E Inline4 DOHC 4v <i>Engine Codes EDBA, EDBB, EDBC, EDBD, EDDC, EDDF, NGA</i>		01/1993 - 05/2005		L4	84.8mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B4135A STD, .25, .50, .75		46.890/1.8461	49.890/1.9642	1.475/.0581	20.10/.791	F810	4135A
		46.910/1.8468	49.910/1.9650				IH
MAINS							
5M7193A STD, .25, .50, .75	1,2,3,4,5	57.980/2.2827	62.287/2.4522	2.131/.0839	19.21/.756	F810	7193A
		58.000/2.2835	62.300/2.4528				L
	1,2,4,5	57.980/2.2827	62.287/2.4522	2.131/.0839	19.21/.756	F810	7193A
		58.000/2.2835	62.300/2.4528				U
	3	57.980/2.2827	62.287/2.4522	2.131/.0839	24.68/.972	F810	7195A(F)
		58.000/2.2835	62.300/2.4528				U

30 Engine		Year		Cyl	Bore x Stroke	30	
330ci (5.4L) V8 (Alum. Block) (GT) DOHC 4v Supercharged <i>From Ford GT.</i>		01/2005 - 12/2006		V8	90.2mm x 105.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B1442A STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F810	5636A
		53.002/2.0867	56.886/2.2396				IH



30 Continued ...							30
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 8B1442H STD, .025, .25	CONROD	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.925/.0758	20.95/.825	F781	5636H IH
RACE SERIES 8B1442HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.912/.0753	20.95/.825	F781	5636HX IH
8B1442P STD, .25, .50, .75, 1.00	CONROD	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F780	5636 IH
RACE SERIES 5M5645H STD, .025, .25	MAINS	1,2,3,4,5 67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	20.06/.790	F780	5645H U
		1,2,3,4,5 67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5646H L
		5 76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189		2.92/.115	F817	7296T UL
RACE SERIES 5M5645HX STD	MAINS	1,2,3,4,5 67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.430/.0957	20.06/.790	F780	5645HX U
		1,2,3,4,5 67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.430/.0957	18.35/.722	F780	5646HX L
		5 76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189		2.92/.115	F817	7296T UL

31 Engine				Year	Cyl	Bore x Stroke	31
153ci (2.5L) HSC Inline4 OHV 2v				01/1986 - 12/1991	L4	93.5mm x 90.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1383A STD, 010, 020, 030	CONROD	53.929/2.1232 53.950/2.1240	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F810	5240A IH
5M1629A STD, 010, 020, 030	MAINS	1 57.104/2.2482 57.125/2.2490	60.990/2.4012 61.011/2.4020	1.928/.0759	25.90/1.020	F810	5223A U
		1,2,3,4,5 57.125/2.2490	60.990/2.4012 61.011/2.4020	1.928/.0759	25.90/1.020	F810	5224A L
		2,4,5 57.019/2.2448 57.119/2.2488	60.995/2.4014 61.006/2.4018	1.928/.0759	25.90/1.020	F810	2126A U
		3 57.104/2.2482 57.124/2.2490	60.990/2.4012 61.011/2.4020	1.928/.0759	32.28/1.271	F810	2127A(F) U
4C1251S STD	CAMS	1 50.988/2.0074 51.013/2.0084	55.988/2.2042 56.012/2.2052	2.470/.0972	18.42/.725	F23	5270
		2,3 50.988/2.0074 51.013/2.0084	55.588/2.1885 55.613/2.1895	2.270/.0894	18.42/.725	F147	5271
		4 50.988/2.0074 51.013/2.0084	55.988/2.2042 56.012/2.2052	2.470/.0972	12.90/.508	F23	5272

32 Engine				Year	Cyl	Bore x Stroke	32
Cosworth BDA Series 1601cc Inline4 DOHC 4v				01/1969 - On	L4		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 4B1060H STD, 001, 010, 020	CONROD	49.200/1.9370 49.213/1.9375	52.927/2.0837 52.940/2.0842	1.840/.0724	19.17/.755	F781	1060H IH
RACE SERIES 4B1060HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.827/.0719	19.17/.755	F781	1060HX IH



32 Continued ...							32
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 5M2152H STD, 001, 010, 020	MAINS 1,2,3,4,5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.831/.0721	25.52/1.005	F780	2152H IH
RACE SERIES 5M2152HX STD	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.818/.0716	25.52/1.005	F780	2152HX IH
5M2152P STD, 010, 020, 030, 040	MAINS 1,2,3,4,5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.836/.0723	25.52/1.005	F780	2152 IH
1T2152 STD, 005	THRUST	<i>Same as 1T1135</i>			2.36/.093	F250	2152T U

33 Engine				Year	Cyl	Bore x Stroke	33
1560cc Duratorq DLD-416 Inline4 DOHC 4v Turbo Diesel				10/2003 - On	L4	75.0mm x 88.3mm	
<i>Engine Codes HDDA, HDDB, HHDA, HHDB, HHJA, HHJB, HHJC, HHJD, HHJE, HHJF, GPDA, GPDC, G8DA, G8DB, G8DC, G8DD, G8DE, G8DF, MTDA, TZJA, TZJB, UBJA.</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7775A STD, .30	CONROD	46.975/1.8494 46.991/1.8500	50.655/1.9943 50.674/1.9950	1.818/.0716	17.00/.669	F810	7775A IH
4B7775P STD, .30	CONROD	46.975/1.8494 46.991/1.8500	50.655/1.9943 50.674/1.9950	1.818/.0716	17.00/.669	F780	7775 IH
5M7772A STD, .30, .50	MAINS 1,2,3,4,5	49.962/1.9670 49.981/1.9678	53.655/2.1124 53.674/2.1131	1.833/.0722	20.40/.803	F780	7772 U
	1,2,3,4,5	49.962/1.9670 49.981/1.9678	53.655/2.1124 53.674/2.1131	1.833/.0722	19.90/.784	F780	7773 L
1T7772 STD	THRUST	55.200/2.1732 55.480/2.1842	71.350/2.8090 71.700/2.8228		2.46/.097	F817	7772T IH
RB4202	PISTON PIN BUSH		29.000/1.1417 29.021/1.1426		19.98/.787	F100	RB4202

34 Engine				Year	Cyl	Bore x Stroke	34
1398cc Duratorq DLD-414 Inline4 SOHC 2v Turbo Diesel				11/2001 - On	L4	73.7mm x 82.0mm	
<i>Engine Codes F6JA, F6JB</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7770D STD, .30	CONROD	44.975/1.7707 44.991/1.7713	48.665/1.9159 48.671/1.9162	1.820/.0717	17.05/.671	F810	7770A L
		44.975/1.7707 44.991/1.7713	48.665/1.9159 48.671/1.9162	1.820/.0717	17.05/.671	F781	7770D U
4B7770P STD, .30	CONROD	44.975/1.7707 44.991/1.7713	48.665/1.9159 48.671/1.9162	1.820/.0717	17.05/.671	F780	7770 U
		44.975/1.7707 44.991/1.7713	48.665/1.9159 48.671/1.9162	1.820/.0717	17.05/.671	F810	7770A L
5M7772A STD, .30, .50	MAINS 1,2,3,4,5	49.962/1.9670 49.981/1.9678	53.655/2.1124 53.674/2.1131	1.833/.0722	20.40/.803	F780	7772 U
	1,2,3,4,5	49.962/1.9670 49.981/1.9678	53.655/2.1124 53.674/2.1131	1.833/.0722	19.90/.784	F780	7773 L



34 Continued ...								34
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
1T7772 STD	THRUST	55.200/2.1732	71.350/2.8090		2.46/.097	F817	7772T	
		55.480/2.1842	71.700/2.8228				IH	
4RB4166	PISTON PIN BUSH	24.995/.9841	28.000/1.1024		19.98/.787	F100	4RB4166	
		25.000/.9843	28.021/1.1032					
RB4166 UNB	PISTON PIN BUSH	24.995/.9841	28.000/1.1024		19.98/.787	F100	RB4166	
		25.000/.9843	28.021/1.1032					
35 Engine				Year	Cyl	Bore x Stroke	35	
379ci (6.2L) Boss V8 SOHC 2v				01/2010 - On	V8	102.0mm x 95.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
8B7255A STD, .25	CONROD			1.925/.0758	21.90/.862	F810	7255A IH	
5M7257A STD, .25	MAINS	<i>Set includes thrustwasher.</i>				F817	7257T	
		1,2,3,4,5		2.430/.0957	24.80/.976	F810	7257A U	
		1,2,3,4,5		2.430/.0957	24.00/.945	F810	7258A L	
36 Engine				Year	Cyl	Bore x Stroke	36	
213ci (3.5L) Duratec 35 V6 DOHC 4v				01/2006 - On	V6	92.5mm x 86.7mm		
213ci (3.5L) Ecoboost V6 DOHC 4v Twin Turbo				01/2010 - 12/2015	V6	92.5mm x 86.7mm		
227ci (3.7L) Duratec 37 V6 DOHC 4v				01/2008 - On	V6	95.5mm x 86.7mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
6B4380A STD, .25	CONROD			1.920/.0756	18.30/.721	F810	4380A IH	
4M4382A STD, .25	MAINS	1,2,3,4		2.450/.0965	22.50/.886	F810	4383A L	
		1,2,3,4		2.450/.0965	22.90/.902	F810	4382A U	
4M4382A+2T STD, .25	MAINS	<i>Set includes thrustwashers.</i>			2.87/.113	F817	4382T	
		1,2,3,4		2.450/.0965	22.90/.902	F810	4382A U	
		1,2,3,4		2.450/.0965	22.50/.886	F810	4383A L	
2T4382 STD	THRUST				2.87/.113	F817	4382T	
37 Engine				Year	Cyl	Bore x Stroke	37	
239ci (3.9L) V8 OHV 2v				01/1954 - 12/1955	V8	88.9mm x 78.7mm		
256ci (4.2L) V8 OHV 2v				01/1954 - 01/1955	V8	3.63in x 3.10in		
272ci (4.5L) V8 OHV 2v				01/1955 - 12/1959	V8	3.63in x 3.30in		
292ci (4.8L) V8 OHV 2v				01/1955 - 01/1964	V8	3.75in x 3.30in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
8B7260A STD, 010, 020, 030, 040, 050	CONROD	55.575/2.1880	58.725/2.3120	1.562/.0615	18.95/.746	F810	7260A UL	
		55.596/2.1888	58.745/2.3128					



37 Continued ... 37

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS							
5M7264A STD, 010, 020, 030, 040	1,2,4,5	63.449/2.4980 63.470/2.4988	68.356/2.6912 68.377/2.6920	2.438/.0960	23.16/.912	F810	7264A IH
	3	63.449/2.4980 63.470/2.4988	68.356/2.6912 68.377/2.6920	2.438/.0960	28.45/1.120	F810	7265A(F) IH

38 Engine Year Cyl Bore x Stroke 38
415ci (6.8L) Triton V10 SOHC 3v 01/2005 - 12/2009 V10 90.2mm x 105.7mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
10B1442A STD, .25, .50, .75, 1.00		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F810	5636A IH
	MAINS <i>Set includes 3 piece thrustwasher set.</i>						
6M7296A STD, .25, .50, .75, 1.00	1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	19.26/.758	F810	7293A U
	1,2,3,4,5,6	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	18.35/.722	F810	7296A L
	2,3,4,5,6	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	20.06/.790	F810	7296WA U
	6	76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189		2.92/.115	F817	7296T UL

39 Engine Year Cyl Bore x Stroke 39
332ci (5.4L) V8 OHV 2v 01/1958 - 12/1959 V8 101.6mm x 83.8mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B760A STD, 010, 020, 030, 040		61.925/2.4380 61.946/2.4388	65.804/2.5907 65.824/2.5915	1.923/.0757	18.67/.735	F810	2110A IH
	CAMS						
5C7815 STD	1	53.945/2.1238 53.970/2.1248	58.661/2.3095 58.687/2.3105	2.334/.0919	16.00/.630	F23	2235
	2	53.945/2.1238 53.970/2.1248	58.280/2.2945 58.306/2.2955	2.144/.0844	16.00/.630	F23	2236
	3	53.945/2.1238 53.970/2.1248	57.899/2.2795 57.925/2.2805	1.953/.0769	16.00/.630	F23	2237
	4	53.945/2.1238 53.970/2.1248	57.518/2.2645 57.544/2.2655	1.763/.0694	16.00/.630	F23	2238
	5	53.945/2.1238 53.970/2.1248	57.137/2.2495 57.163/2.2505	1.572/.0619	14.00/.551	F23	2239

40 Engine Year Cyl Bore x Stroke 40

330ci (5.4L) V8 OHV 2v				01/1975 - 12/1977	V8	3.88in x 3.50in	
352ci (5.8L) V8 OHV 2v				01/1958 - 12/1967	V8	4.00in x 3.50in	
359ci (5.9L) V8 OHV 2v				01/1974 - 12/1975	V8	4.05in x 3.50in	
360ci (5.9L) V8 OHV 2v				01/1976 - 12/1976	V8	4.05in x 3.50in	
361ci (5.9L) V8 OHV 2v				01/1964 - 12/1978	V8	4.05in x 3.50in	
389ci (6.4L) V8 OHV 2v				01/1975 - 12/1978	V8	102.9mm x 96.0mm	
390ci (6.4L) V8 OHV 2v				01/1964 - 12/1976	V8	4.05in x 3.78in	
391ci (6.4L) V8 OHV 2v				01/1964 - 12/1978	V8	4.05in x 3.79in	
410ci (6.7L) V8 OHV 2v				01/1966 - 12/1967	V8	4.05in x 3.98in	
427ci (7.0L) V8 OHV 2v				01/1964 - 12/1969	V8	4.23in x 3.78in	
428ci (7.0L) V8 OHV 2v				01/1966 - 12/1970	V8	4.13in x 3.98in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B760A STD, 010, 020, 030, 040		61.925/2.4380 61.946/2.4388	65.804/2.5907 65.824/2.5915	1.923/.0757	18.67/.735	F810	2110A IH



40 Continued ...							40
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B760A STD, 010, 020, 030, 040		61.925/2.4380 61.946/2.4388	65.804/2.5907 65.824/2.5915	1.923/.0757	18.67/.735	F810	2110A IH
MAINS		<i>Full groove, flange OD is 3.930".</i>					
5M863A STD, 010, 020, 030, 040	1,2,4,5	69.809/2.7484 69.830/2.7492	74.706/2.9412 74.727/2.9420	2.433/.0958	23.17/.912	F810	2115A IH
	3	69.809/2.7484 69.830/2.7492	74.706/2.9412 74.727/2.9420	2.441/.0961	28.40/1.118	F810	2118A(F) IH
CAMS							
5C781S STD	1	53.945/2.1238 53.970/2.1248	58.661/2.3095 58.687/2.3105	2.334/.0919	16.00/.630	F23	2235
	2	53.945/2.1238 53.970/2.1248	58.280/2.2945 58.306/2.2955	2.144/.0844	16.00/.630	F23	2236
	3	53.945/2.1238 53.970/2.1248	57.899/2.2795 57.925/2.2805	1.953/.0769	16.00/.630	F23	2237
	4	53.945/2.1238 53.970/2.1248	57.518/2.2645 57.544/2.2655	1.763/.0694	16.00/.630	F23	2238
	5	53.945/2.1238 53.970/2.1248	57.137/2.2495 57.163/2.2505	1.572/.0619	14.00/.551	F23	2239

41 Engine				Year	Cyl	Bore x Stroke	41
281ci (4.6L) (Romeo) V8 SOHC 2v VIN Code V				01/2006 - 12/2010	V8	90.2mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B1442A STD, .25, .50, .75, 1.00		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F810	5636A IH
RACE SERIES 8B1442H STD, .025, .25	CONROD	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.925/.0758	20.95/.825	F781	5636H IH
RACE SERIES 8B1442HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.912/.0753	20.95/.825	F781	5636HX IH
8B1442P STD, .25, .50, .75, 1.00	CONROD	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F780	5636 IH
MAINS		<i>Main set contains thrust washer used in #5 upper position. For cast iron blocks, Romeo engine.</i>					
5M2007A STD, .25, .50, .75, 1.00	1,2,3,4	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/.0962	18.25/.719	F810	5638A L
	1,2,3,4,5	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/.0962	19.12/.753	F810	5638WA U
	5	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/.0962	22.61/.890	F810	5639A(F) L
	5	76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
CAMS							
6C1100A STD, .25	1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5195A U
	1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5194A L



42 Engine		Year		Cyl	Bore x Stroke	42	
281ci (4.6L) InTech V8 DOHC 4v VIN Codes H,V		01/1993 - 12/2005		V8	90.2mm x 90.0mm		
281ci (4.6L) V8 DOHC 4v		01/1996 - 12/2004		V8	90.2mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B1442A STD, .25, .50, .75, 1.00		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F810	5636A IH
RACE SERIES							
8B1442H STD, .025, .25		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.925/.0758	20.95/.825	F781	5636H IH
RACE SERIES							
8B1442HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.912/.0753	20.95/.825	F781	5636HX IH
CONROD							
8B1442P STD, .25, .50, .75, 1.00		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F780	5636 IH
MAINS							
5M5647A STD, .25, .50, .75, 1.00		76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F810	5647A L
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F810	5647WA U
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F810	5648A(F) L
RACE SERIES							
5M5647H STD, .025, .25		76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5647H L
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F780	5647WH U
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F780	5648H(F) L
RACE SERIES							
5M5647HX STD		<i>Main set contains thrust washer used in #5 upper position. For Aluminium blocks, Romeo engine.</i>					
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5647H L
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F780	5647WH U
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F780	5648H(F) L
	5	76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
RACE SERIES							
5M5647HX STD		<i>Main set contains thrust washer used in #5 upper position. .001" extra clearance on STD journal. For aluminium blocks, Romeo engine.</i>					
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5647H L
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F780	5647WH U
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F780	5648H(F) L
	5	76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
CAMS							
6C1200A STD, .25	1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5195A U
	1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5192A U
	2,3,4,5,8,9,10,	26.962/1.0615 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	11.80/.465	F810	5193A U
	2,3,4,5,8,9,10,	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	11.80/.465	F810	5191A L
CAMS							
6C1201A STD, .25	1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5192A U
	1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5190A L
	2,3,4,5,8,9,10,	26.962/1.0615 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	11.80/.465	F810	5193A U



42 Continued ...							42
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6C1201A STD, .25	2,3,4,5,8,9,10,	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	11.80/.465	F810	5191A L
PISTON PIN BUSH							
8RB4113 UNB			24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	8RB4113
PISTON PIN BUSH							
RB4113 UNB			24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	RB4113

43 Engine				Year	Cyl	Bore x Stroke	43		
200ci (3.3L) (4 main) Inline6 OHV 2v				01/1963 - 12/1964	L6	93.5mm x 79.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
CONROD <i>Was 6B583A</i>									
6B2150A STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F810	2150A IH		
RACE SERIES									
6B2150H STD, 001, 010, 020		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH		
RACE SERIES									
6B2150HX STD		<i>0.001" extra oil clearance on STD journal.</i>		53.934/2.1234 53.945/2.1238	56.891/2.2398 56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH
CONROD									
6B2150P STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F780	2150 IH		
MAINS <i>Was 4M771A.</i>									
4M2126A STD, 010, 020, 030	1,2,4	57.109/2.2484 57.119/2.2488	60.995/2.4014 61.006/2.4018	1.928/.0759	25.90/1.020	F810	2126A IH		
	3	57.104/2.2482 57.124/2.2490	60.990/2.4012 61.011/2.4020	1.928/.0759	32.28/1.271	F810	2127A(F) IH		
CAMS <i>Was 4C703S. #4 position cam (5746) - bleeder groove to face inwards</i>									
4C5826 STD	1	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5826		
	2	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827		
	3	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828		
	4	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790	2.116/.0833	18.54/.730	F23	5746		

44 Engine				Year	Cyl	Bore x Stroke	44
121ci (2.0L) Lima Inline4 SOHC 2v <i>VIN Code C</i>				01/1983 - 12/1988	L4	89.3mm x 79.4mm	
140ci (2.3L) Lima Inline4 SOHC 2v Turbo				01/1979 - 12/1988	L4	96.0mm x 79.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B984A STD, 010, 020, 030		51.981/2.0465 51.999/2.0472	55.169/2.1720 55.189/2.1728	1.585/.0624	20.32/.800	F810	2186A IH
MAINS <i>For single spark plug engines.</i>							
5M1117A STD, 010, 020, 030, 040	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/.0956	24.13/.950	F810	2185A UL
	3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	30.35/1.195	F810	2187A(F) UL
RACE SERIES							
5M1117H STD, 001, 010, 020	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.425/.0955	24.13/.950	F780	2185H U
	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.425/.0955	24.13/.950	F780	2194H L



44 Continued ...							44	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1117H STD, 001, 010, 020	3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.425/.0955	30.35/1.195	F780	2187H(F) UL	
RACE SERIES		<i>For single spark plug engines.</i>						
5M1117HX STD	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.412/.0950	24.13/.950	F780	2185HX U	
	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.412/.0950	24.13/.950	F780	2194HX L	
5M1117P STD, 010, 020, 030, 040	3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.412/.0950	30.35/1.195	F780	2187HX(F) UL	
	MAINS		<i>For single spark plug engines.</i>					
5M1117P STD, 010, 020, 030, 040	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/.0956	24.13/.950	F780	2185 UL	
	3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	30.35/1.195	F780	2187(F) UL	
4C777BS STD	CAMS		<i>360 OD Groove. Special oil control bearing - differs from OEM design.</i>					
	1,2,3,4	44.990/1.7713 45.010/1.7720	48.275/1.9006 48.300/1.9016	1.620/.0638	17.73/.698	F23	5253	
4C777S STD	CAMS		<i>360 OD Groove. Special oil control bearing - differs from OEM design.</i>					
	1,2,3,4	44.990/1.7713 45.010/1.7720	48.275/1.9006 48.300/1.9016	1.620/.0638	17.73/.698	F23	5254	
2C1095S STD	AUX		<i>360 OD Groove. Special oil control bearing - differs from OEM design.</i>					
	1	41.960/1.6520 41.986/1.6530	45.644/1.7970 45.670/1.7980	1.810/.0713	12.83/.505	F820	7341	
	2	41.960/1.6520 41.986/1.6530	45.136/1.7770 45.160/1.7779	1.550/.0610	12.83/.505	F820	7342	

45 Engine				Year	Cyl	Bore x Stroke	45	
98ci (1.6L) Xflow (USA Fiesta) Inline4 OHV 2v				01/1977 - 12/1980	L4	3.19in x 3.06in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B603A STD, 001, 010, 020	CONROD		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F810 5216A IH	
	RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>					
4B603H STD, 001, 010, 020	CONROD		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.830/.0720	22.35/.880	F781 5216H UL	
	RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>					
4B603HX STD	CONROD		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.817/.0715	22.35/.880	F781 5216HX UL	
	CONROD		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F780 5216 IH	
4B603P STD, 010, 020, 030, 040, 050,	MAINS		<i>Same as 1T1135</i>					
	1,5					F810	1455A UL	
5M1455A STD, 010, 020	2,3,4					F810	1465A UL	
	THRUST		<i>Same as 1T1135</i>					
1T2152 STD, 005	THRUST		59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430		2.36/.093	F250 2152T U	
	CAMS		<i>Same as 1T1135</i>					
3C3300 STD	1	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	20.32/.800	F23	3300	
	2	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	17.53/.690	F23	3301	
	3	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	18.67/.735	F23	3302	



46 Engine		Year	Cyl	Bore x Stroke	46		
67ci (1.1L) Xflow (Kent) Inline4 OHV 2v		01/1973 - 12/1982	L4	81.0mm x 53.3mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B603A STD, 001, 010, 020		49.200/1.9370	52.896/2.0825	1.835/.0722	22.35/.880	F810	5216A
		49.212/1.9375	52.908/2.0830				IH
RACE SERIES 4B603H STD, 001, 010, 020	CONROD	49.200/1.9370	52.896/2.0825	1.830/.0720	22.35/.880	F781	5216H
		49.212/1.9375	52.908/2.0830				UL
RACE SERIES 4B603HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		49.200/1.9370	52.896/2.0825	1.817/.0715	22.35/.880
		49.212/1.9375	52.908/2.0830			F781	5216HX UL
4B603P STD, 010, 020, 030, 040, 050,	CONROD	49.200/1.9370	52.896/2.0825	1.835/.0722	22.35/.880	F780	5216
		49.212/1.9375	52.908/2.0830				IH
MAINS							
<i>Same as 5M742A</i>							
5M2152A STD, 010, 020, 030, 040	1,2,3,4,5	53.988/2.1255	57.683/2.2710	1.836/.0723	25.52/1.005	F810	2152A
		54.000/2.1260	57.696/2.2715				IH
RACE SERIES 5M2152H STD, 001, 010, 020	MAINS	53.988/2.1255	57.683/2.2710	1.831/.0721	25.52/1.005	F780	2152H
		54.000/2.1260	57.696/2.2715				IH
RACE SERIES 5M2152HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>		53.988/2.1255	57.683/2.2710	1.818/.0716	25.52/1.005
		54.000/2.1260	57.696/2.2715			F780	2152HX IH
5M2152P STD, 010, 020, 030, 040	MAINS	53.988/2.1255	57.683/2.2710	1.836/.0723	25.52/1.005	F780	2152
		54.000/2.1260	57.696/2.2715				IH
THRUST							
<i>Same as 1T113S</i>							
1T2152 STD, 005		59.436/2.3400	74.498/2.9330		2.36/.093	F250	2152T
		59.690/2.3500	74.752/2.9430				U
CAMS							
3C3300 STD	1	39.616/1.5597	42.887/1.6885	1.613/.0635	20.32/.800	F23	3300
		39.637/1.5605	42.913/1.6895				
	2	39.616/1.5597	42.887/1.6885	1.613/.0635	17.53/.690	F23	3301
		39.637/1.5605	42.913/1.6895				
	3	39.616/1.5597	42.887/1.6885	1.613/.0635	18.67/.735	F23	3302
		39.637/1.5605	42.913/1.6895				
1C1094S STD	AUX	41.953/1.6517	45.072/1.7745	1.571/.0619	12.95/.510	F23	7340
		41.978/1.6527	45.099/1.7755				
PISTON PIN BUSH							
RB902 STD		20.625/.8120	22.327/.8790	.980/.0386	26.67/1.050	F100	RB902
		20.632/.8123	22.352/.8800				

47 Engine		Year	Cyl	Bore x Stroke	47		
1997cc Duratorq (PSA) Inline4 DOHC 4v Turbo Diesel		10/2003 - On	L4	85.0mm x 88.0mm			
<i>Based on Peugeot DW10. Engine Codes AZBC, AZWA, AZWC, G6DA/B/C/D/E/F/G, IXDA, KLBA, KLWA, QXBA/B, QXWA/B/C, TYWA, UFBA, UFDA, UFWA, UKDA, UKWA.</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Lower in Aluglide material.</i>							
4B7747D STD, .30		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F810	7747A
		50.000/1.9685	53.708/2.1145				L
		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F781	7747D
		50.000/1.9685	53.708/2.1145				U
CONROD							
<i>Lower in Aluglide material.</i>							
4B7747P STD, .30		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F780	7747
		50.000/1.9685	53.708/2.1145				U
		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F810	7747A
		50.000/1.9685	53.708/2.1145				L



47 Continued ... 47

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1677A STD, .30, .50, .80	MAINS 1,2,3,4,5	59.981/2.3615	63.731/2.5091	1.845/.0726	19.50/.768	F810	1677A UL
		60.000/2.3622	63.750/2.5098				
2T7703 STD, .10, .15	THRUST	67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T UL
		67.300/2.6496	83.300/3.2795				
2T7748 STD	THRUST	67.050/2.6398	83.050/3.2697		1.85/.073	F250	7748T UL
		67.300/2.6496	83.300/3.2795				

48 Engine Year Cyl Bore x Stroke 48

2402cc Duratorq ZSD-424 Inline4 DOHC 4v Turbo Diesel. 03/2004 - On L4 89.9mm x 94.6mm
 Engine Codes FXFA, H9FA, H9FB, H9FD, JXFA, JXFC, PHFA, PHFC

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M2276A STD, .25, .50	MAINS	64.940/2.5567		2.250/.0886	23.30/.917	F810	2278A L
		64.940/2.5567		2.250/.0886	30.15/1.187	F810	2279A(F) U
		64.940/2.5567		2.250/.0886	24.15/.951	F810	2277A U
		69.940/2.7535		2.250/.0886	19.58/.771	F810	2276A UL

49 Engine Year Cyl Bore x Stroke 49

1294cc JCC TL13 Inline4 SOHC 2v 01/1970 - 12/1982 L4 79.0mm x 66.0mm
 1593cc TL16G (GT) Inline4 SOHC 2v 01/1970 - 12/1982 L4 87.6mm x 66.0mm
 Engine Codes LEA, LEC, LEE
 1593cc TL16H (High Comp.) Inline4 SOHC 2v 01/1970 - 12/1985 L4 87.6mm x 66.0mm
 Engine Codes LCA, LCE, LCJ, LCK, LCN, LCR, LCS, LCT
 1593cc TL16L (Low Comp.) Inline4 SOHC 2v 01/1970 - 12/1986 L4 87.6mm x 66.0mm
 Engine Codes LAA, LAC, LAD, LAN, LAR, LAT
 1598cc TL16E Inline4 SOHC 2v 08/1982 - 02/1993 L4 81.3mm x 77.0mm
 Engine Codes LSD, LSE

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2166A STD, .25, .50, .75, 1.00, 1.50	CONROD	51.990/2.0468	55.000/2.1654	1.496/.0589	20.10/.791	F810	2166A IH
		52.000/2.0472	55.020/2.1661				
RACE SERIES 4B2166H STD, .25, .50	CONROD	51.990/2.0468	55.000/2.1654	1.496/.0589	20.12/.792	F781	2166H IH
		52.000/2.0472	55.020/2.1661				
RACE SERIES 4B2166HX STD	CONROD	0.001" extra oil clearance on STD journal.		1.483/.0584	20.12/.792	F781	2166HX IH
		51.990/2.0468	55.000/2.1654				
5M2167A STD, .25, .50, .75, 1.00, 1.50	MAINS 1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F810	2167A IH
		57.000/2.2441	60.640/2.3874				
RACE SERIES 5M2167H STD, .25, .50	MAINS 1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.803/.0710	23.75/.935	F780	2167H UL
		57.000/2.2441	60.640/2.3874				
RACE SERIES 5M2167HX STD	MAINS 1,2,3,4,5	0.001" extra oil clearance on STD journal.		1.790/.0705	23.75/.935	F780	2167HX UL
		56.990/2.2437	60.620/2.3866				
5M2167P STD, .25, .50, .75, 1.00, 1.50	MAINS 1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F780	2167 IH
		57.000/2.2441	60.640/2.3874				



49 Continued ...							49
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
THRUST							
<i>Was 2T218S.</i>							
2T2167 STD, .005		63.600/2.5039	80.240/3.1590		2.35/.093	F250	2167T
		63.850/2.5138	80.490/3.1689				UL
CAMS							
3C5816 STD	1	41.996/1.6534	45.072/1.7745	1.511/.0595	20.24/.797	F23	5816
		42.012/1.6540	45.103/1.7757				
	2	44.615/1.7565	47.691/1.8776	1.511/.0595	17.27/.680	F23	5817
		44.630/1.7571	47.721/1.8788				
	3	44.955/1.7699	48.072/1.8926	1.511/.0595	16.25/.640	F23	5818
		45.011/1.7721	48.102/1.8938				
AUX							
1B55687 STD			45.080/1.7748	1.540/.0606	13.00/.512	F23	5687
			45.110/1.7760				

50 Engine	Year	Cyl	Bore x Stroke	50
1993cc TL20CFI Inline4 SOHC 2v <i>Engine Codes N6T, N6TS</i>	01/1985 - 12/1992	L4	90.8mm x 76.9mm	
1993cc TL20EFI Inline4 SOHC 2v <i>Engine Codes N4A, N4B, NR2, NRA, NRB, NRC, NRD, NRI</i>	01/1985 - 12/1994	L4	90.8mm x 76.9mm	
1993cc TL20H (High Comp.) Inline4 SOHC 2v <i>Engine Codes NE, NE1, NE2, NE3, NE4, NE5, NEC, NEE, NEG, NEJ, NEK, NEL, NEN, NEP, NER, NES, NET</i>	01/1971 - 12/1989	L4	90.8mm x 76.9mm	
1993cc TL20L (Low Comp.) Inline4 SOHC 2v <i>Engine Codes 4RC, NAE, NAT, NAW, NAV, NAX, NUT</i>	01/1971 - 12/1994	L4	90.8mm x 76.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2166A STD, .25, .50, .75, 1.00, 1.50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.10/.791	F810	2166A
		52.000/2.0472	55.020/2.1661				IH
RACE SERIES							
4B2166H STD, .25, .50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.12/.792	F781	2166H
		52.000/2.0472	55.020/2.1661				IH
RACE SERIES							
4B2166HX STD		<i>0.001" extra oil clearance on STD journal.</i>					
		51.990/2.0468	55.000/2.1654	1.483/.0584	20.12/.792	F781	2166HX
		52.000/2.0472	55.020/2.1661				IH
CONROD							
4B4370P STD, .25, .50, .75		51.980/2.0465	55.000/2.1654	1.470/.0579	20.00/.787	F780	4370
		52.000/2.0472	55.020/2.1661				IH
MAINS							
5M2167A STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F810	2167A
		57.000/2.2441	60.640/2.3874				IH
RACE SERIES							
5M2167H STD, .25, .50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.803/.0710	23.75/.935	F780	2167H
		57.000/2.2441	60.640/2.3874				UL
RACE SERIES							
5M2167HX STD	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>					
		56.990/2.2437	60.620/2.3866	1.790/.0705	23.75/.935	F780	2167HX
		57.000/2.2441	60.640/2.3874				UL
MAINS							
5M2167P STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F780	2167
		57.000/2.2441	60.640/2.3874				IH
MAINS							
5M4375A STD, .25, .50	1,2,3,4,5	<i>For engines from 01/1986 on.</i>					
		56.970/2.2429	60.620/2.3866	1.810/.0713	23.60/.929	F810	4375A
		56.990/2.2437	60.640/2.3874				UL
THRUST							
<i>Was 2T218S.</i>							
2T2167 STD, .005		63.600/2.5039	80.240/3.1590		2.35/.093	F250	2167T
		63.850/2.5138	80.490/3.1689				UL
CAMS							
3C5816 STD	1	41.996/1.6534	45.072/1.7745	1.511/.0595	20.24/.797	F23	5816
		42.012/1.6540	45.103/1.7757				



50 Continued ...							50
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
3C5816 STD	2	44.615/1.7565 44.630/1.7571	47.691/1.8776 47.721/1.8788	1.511/.0595	17.27/.680	F23	5817
	3	44.955/1.7699 45.011/1.7721	48.072/1.8926 48.102/1.8938	1.511/.0595	16.25/.640	F23	5818
1B55687 STD	AUX		45.080/1.7748 45.110/1.7760	1.540/.0606	13.00/.512	F23	5687

51 Engine	Year	Cyl	Bore x Stroke	51
1098cc Kent X Flow Inline4 OHV 2v <i>Engine Codes G1, G2, KL11</i>	01/1968 - 08/1980	L4	81.0mm x 53.3mm	
1297cc Kent Inline4 OHV 2v	01/1962 - 12/1970	L4	81.0mm x 63.0mm	
1298cc Kent X Flow Inline4 OHV 2v <i>Engine Codes J1E, J1F, J2, J2F, J2N, J3, J3C, J3D, J3E, J3N, KL13H/HC/L, OHV KL13G/H/L</i>	10/1966 - 08/1985	L4	81.0mm x 63.0mm	
1499cc Kent Inline4 OHV 2v <i>Engine Codes 116E, 118E, 118E GT, 120E, 120GT, 122E</i>	01/1963 - 12/1971	L4	81.0mm x 72.6mm	
1598cc Kent X Flow Inline4 OHV 2v	01/1968 - 08/1983	L4	81.0mm x 77.6mm	
940cc KL09H (711M) Inline4 OHV 2v	01/1968 - 12/1974	L4	81.0mm x 45.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B603A STD, 001, 010, 020	CONROD	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F810	5216A IH
RACE SERIES 4B603H STD, 001, 010, 020	CONROD	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.830/.0720	22.35/.880	F781	5216H UL
RACE SERIES 4B603HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.817/.0715	22.35/.880	F781	5216HX UL
4B603P STD, 010, 020, 030, 040, 050,	CONROD	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F780	5216 IH
5M2152A STD, 010, 020, 030, 040	MAINS	<i>Same as 5M742A</i>		1.836/.0723	25.52/1.005	F810	2152A IH
RACE SERIES 5M2152H STD, 001, 010, 020	MAINS	1,2,3,4,5 53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.831/.0721	25.52/1.005	F780	2152H IH
RACE SERIES 5M2152HX STD	MAINS	1,2,3,4,5 53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.818/.0716	25.52/1.005	F780	2152HX IH
5M2152P STD, 010, 020, 030, 040	MAINS	1,2,3,4,5 53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.836/.0723	25.52/1.005	F780	2152 IH
1T2152 STD, 005	THRUST	<i>Same as 1T1135</i>			2.36/.093	F250	2152T U
3C3300 STD	CAMS	1 39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	20.32/.800	F23	3300
		2 39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	17.53/.690	F23	3301
		3 39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	18.67/.735	F23	3302
RB902 STD	PISTON PIN BUSH	20.625/.8120 20.632/.8123	22.327/.8790 22.352/.8800	.980/.0386	26.67/1.050	F100	RB902



52	Engine	Year	Cyl	Bore x Stroke	52
	2304cc (Peugeot) Inline4 OHV Diesel <i>Engine Codes LXD 2, YTR, YTT</i>	08/1982 - 02/1993	L4	94.0mm x 83.0mm	
	2498cc (Peugeot) Inline4 OHV Diesel <i>Engine Codes STP, STR, XD3P</i>	01/1982 - 02/1992	L4	94.0mm x 90.0mm	
	2498cc (Peugeot) Inline4 OHV Turbo Diesel <i>Engine Codes SFA, SFB, XD3T</i>	06/1988 - 12/1994	L4	94.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7750A STD, .30, .50, .80, 1.00		54.994/2.1651	58.737/2.3125	1.838/.0724	29.00/1.142	F810	7750A
		55.021/2.1662	58.750/2.3130				IH
MAINS							
5M7752A STD, .30, .50, .80	1,3,5	54.994/2.1651	58.731/2.3122	1.835/.0722	30.00/1.181	F810	7752A
		55.009/2.1657	58.750/2.3130				UL
	2,4	63.737/2.5093		1.837/.0723	24.00/.945	F810	7753A
		60.021/2.3630					UL
THRUST							
2T7752 STD		67.000/2.6378	84.750/3.3366		2.33/.092	F250	7752T
		67.250/2.6476	85.000/3.3465				UL
PISTON PIN BUSH							
4RB4203		32.009/1.2602	35.000/1.3780		29.70/1.169	F100	4RB4203
		32.025/1.2608	35.025/1.3789				
PISTON PIN BUSH							
4RB4208 UNB		30.007/1.1814	33.000/1.2992		29.70/1.169	F100	4RB4208
		30.020/1.1819	33.025/1.3002				
PISTON PIN BUSH							
RB4203		32.009/1.2602	35.000/1.3780		29.70/1.169	F100	RB4203
		32.025/1.2608	35.025/1.3789				
PISTON PIN BUSH							
RB4208 UNB		30.007/1.1814	33.000/1.2992		29.70/1.169	F100	RB4208
		30.020/1.1819	33.025/1.3002				

53	Engine	Year	Cyl	Bore x Stroke	53
	1798cc Duratec (Mazda L) Inline4 DOHC 4v <i>Engine Codes CGBA, CGBB, CHBA, CHBB</i>	10/2000 - On	L4	83.0mm x 83.1mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS							
5M7193A STD, .25, .50, .75	1,2,3,4,5	57.980/2.2827	62.287/2.4522	2.131/.0839	19.21/.756	F810	7193A
		58.000/2.2835	62.300/2.4528				L
	1,2,4,5	57.980/2.2827	62.287/2.4522	2.131/.0839	19.21/.756	F810	7193A
		58.000/2.2835	62.300/2.4528				U
	3	57.980/2.2827	62.287/2.4522	2.131/.0839	24.68/.972	F810	7195A(F)
		58.000/2.2835	62.300/2.4528				U

54	Engine	Year	Cyl	Bore x Stroke	54
	1242cc Duratec (Zetec-SE) Inline4 DOHC 4v <i>Engine Codes DHA, DHB, DHC, DHD, DHE, DHF, DHG</i>	08/1995 - 01/2002	L4	71.9mm x 76.5mm	
	1388cc AS Series Duratec (Zetec-SE) Inline4 DOHC 4v <i>Engine Codes ASDA, ASDB</i>	11/2004 - On	L4	76.0mm x 76.5mm	
	1388cc FH Series Duratec (Zetec-SE) Inline4 DOHC 4v <i>Engine Codes FHA, FHD, FHE, FHF</i>	04/1996 - 01/2002	L4	76.0mm x 76.5mm	
	1388cc FX Series Duratec (Zetec-SE) Inline4 DOHC 4v <i>Engine Codes FXDA, FXDB, FXDC, FXDD, FXJA, FXJB</i>	10/1998 - On	L4	76.0mm x 76.5mm	
	1388cc SP Series Duratec (Zetec-SE) Inline4 DOHC 4v <i>Engine Codes SPJA, SPJC</i>	10/2008 - On	L4	76.0mm x 76.5mm	
	1679cc MHA Duratec Inline4 DOHC 4v	03/1997 - 06/2002	L4	83.5mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B7268A STD, .25		39.980/1.5740 40.000/1.5748	43.025/1.6939 43.045/1.6947	1.506/.0593	15.00/.591	F810	7268A IH	
MAINS <i>Standard flange length 23.75mm on all undersizes. See 5M7253A for overwidth flange version.</i>								
5M7250A STD, .25, .50, .75, 1.00	1,2,3,4,5	47.981/1.8890 48.001/1.8898	54.021/2.1268 54.039/2.1275	3.012/.1186	16.10/.634	F810	7251A L	
	1,2,4,5	47.981/1.8890 48.001/1.8898	54.021/2.1268 54.039/2.1275	3.012/.1186	16.10/.634	F810	7250A U	
	3	47.981/1.8890 48.001/1.8898	54.021/2.1268 54.039/2.1275	3.012/.1186	23.88/.940	F810	7252A(F) U	
	MAINS <i>Alternative set to 5M7250A with oversize flange length 23.92mm on all undersizes.</i>							
	5M7253A .25, .50, .75, 1.00	1,2,3,4,5	47.981/1.8890 48.001/1.8898	54.021/2.1268 54.039/2.1275	3.012/.1186	16.10/.634	F810	7251A L
1,2,4,5		47.981/1.8890 48.001/1.8898	54.021/2.1268 54.039/2.1275	3.012/.1186	16.10/.634	F810	7250A U	
3		47.981/1.8890 48.001/1.8898	54.021/2.1268 54.039/2.1275	3.012/.1186	23.92/.942	F810	7253A(F) U	

55	Engine	Year	Cyl	Bore x Stroke	55
	1296cc CVH Inline4 OHV 2v <i>Engine Codes JPA, JPC</i>	09/1980 - 03/1989	L4	80.0mm x 64.5mm	
	1392cc CVH Inline4 OHV 2v <i>Engine Codes F4A, F4B, F6A, F6B, F6C, F6D, F6E, F6F, F6G, FUA, FUAA, FUB, FUBA, FUC, FUD, FUF, FUG, FUH, FUJ</i>	01/1986 - 12/1996	L4	77.2mm x 74.3mm	
	1598cc CVH Inline4 OHV 2v <i>Engine Codes L4B, L6B, LHA, LJA, LJB, LJC, LJD, LJE, LJF, LP1, LP2, LP3, LPA,, LR1, LR2, LRA, LRB, LUA, LUAE, LUB, LUC, LUD, LUG, LUJ, LUK</i>	09/1980 - 12/1993	L4	80.0mm x 79.5mm	
	1598cc CVH Inline4 OHV 2v Turbo <i>Engine Codes LNA, LNB</i>	11/1984 - 07/1990	L4	80.0mm x 79.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1846A STD, .25, .50, .75		47.890/1.8854 47.910/1.8862	50.890/2.0035 50.910/2.0043	1.487/.0585	19.35/.762	F810	1846A IH
MAINS <i>Full groove set. Suitable for engines up to 12/87.</i>							
5M2154A STD, .25, .50, .75, 1.00	1,2,3,4,5	57.980/2.2827 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.138/.0842	22.53/.887	F810	2154A IH
	MAINS <i>Half groove set. Suitable for engines from 1988.</i>						
5M2155A STD, .25, .50, .75, 1.00	1,2,3,4,5	57.990/2.2831 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.138/.0842	22.53/.887	F810	2155A UL
	MAINS <i>Half groove set. Suitable for engines from 1988.</i>						
5M2155P STD, .25, .50, .75	1,2,3,4,5	57.990/2.2831 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.138/.0842	22.53/.887	F780	2155 UL



55 Continued ...								55
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
THRUST								
1T2154 STD		64.600/2.5433 64.850/2.5531	80.850/3.1831 81.100/3.1929		2.37/.093	F250	2154T IH	
56 Engine								56
1597cc LUH Inline4 OHV 2v				Year	Cyl	Bore x Stroke		
				03/1989 - 07/1996	L4	76.0mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B1846A STD, .25, .50, .75		47.890/1.8854 47.910/1.8862	50.890/2.0035 50.910/2.0043	1.487/.0585	19.35/.762	F810	1846A IH	
MAINS <i>Half groove set. Suitable for engines from 1988.</i>								
5M2155A STD, .25, .50, .75, 1.00	1,2,3,4,5	57.990/2.2831 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.138/.0842	22.53/.887	F810	2155A UL	
MAINS <i>Half groove set. Suitable for engines from 1988.</i>								
5M2155P STD, .25, .50, .75	1,2,3,4,5	57.990/2.2831 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.138/.0842	22.53/.887	F780	2155 UL	
THRUST								
1T2154 STD		64.600/2.5433 64.850/2.5531	80.850/3.1831 81.100/3.1929		2.37/.093	F250	2154T IH	
57 Engine								57
1117cc GMA,GPA (Valencia) Inline4 OHV 2v				Year	Cyl	Bore x Stroke		
1117cc GSE (Valencia) Inline4 OHV 2v				09/1980 - 08/1983 08/1983 - 12/1985	L4	74.0mm x 65.0mm 74.0mm x 65.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B1650A STD, .25, .50, .75, 1.00		42.990/1.6925 43.010/1.6933	46.680/1.8378 46.705/1.8388	1.834/.0722	17.25/.679	F810	1650A IH	
MAINS <i>Full groove set. Suitable for engines up to 12/87.</i>								
5M2154A STD, .25, .50, .75, 1.00	1,2,3,4,5	57.980/2.2827 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.138/.0842	22.53/.887	F810	2154A IH	
THRUST								
1T2154 STD		64.600/2.5433 64.850/2.5531	80.850/3.1831 81.100/3.1929		2.37/.093	F250	2154T IH	
58 Engine								58
1117cc GSF (Valencia) Inline4 OHV 2v				Year	Cyl	Bore x Stroke		
				09/1983 - 02/1989	L4	74.0mm x 65.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B1650A STD, .25, .50, .75, 1.00		42.990/1.6925 43.010/1.6933	46.680/1.8378 46.705/1.8388	1.834/.0722	17.25/.679	F810	1650A IH	
THRUST								
1T1649 STD		63.600/2.5039 63.850/2.5138	77.850/3.0650 78.100/3.0748		2.85/.112	F250	1649T IH	
CAMS								
3C3310 STD	1	39.615/1.5596 39.635/1.5604	42.888/1.6885 42.913/1.6895	1.600/.0630	20.32/.800	F820	3310	
	2,3	39.615/1.5596 39.635/1.5604	42.888/1.6885 42.913/1.6895	1.600/.0630	17.27/.680	F820	3311	
59 Engine								59
1117cc GLA/B/C (Valencia) Inline4 OHV 2v				Year	Cyl	Bore x Stroke		
				08/1980 - 03/1989	L4	74.0mm x 65.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B1650A STD, .25, .50, .75, 1.00		42.990/1.6925 43.010/1.6933	46.680/1.8378 46.705/1.8388	1.834/.0722	17.25/.679	F810	1650A IH	

59 Continued ... 59

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
THRUST							
1T1649 STD		63.600/2.5039	77.850/3.0650		2.85/.112	F250	1649T IH
		63.850/2.5138	78.100/3.0748				

60 Engine 60

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1117cc GSG (Valencia) Inline4 OHV 2v							
				Year	Cyl	Bore x Stroke	
				10/1985 - 09/1990	L4	74.0mm x 65.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1650A STD, .25, .50, .75, 1.00		42.990/1.6925	46.680/1.8378	1.834/.0722	17.25/.679	F810	1650A IH
		43.010/1.6933	46.705/1.8388				
MAINS							
3M1649A STD, .25, .50, .75, 1.00	1,2,3	56.980/2.2433	60.623/2.3867	1.808/.0712	21.60/.850	F810	1649A IH
		57.000/2.2441	60.636/2.3872				
THRUST							
1T1649 STD		63.600/2.5039	77.850/3.0650		2.85/.112	F250	1649T IH
		63.850/2.5138	78.100/3.0748				

61 Engine 61

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
957cc (Valencia) Inline4 OHV 2v							
				Year	Cyl	Bore x Stroke	
				05/1976 - 02/1989	L4	74.0mm x 55.7mm	
<i>Engine Codes TKA, TKB, TKW, TLA</i>							

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1650A STD, .25, .50, .75, 1.00		42.990/1.6925	46.680/1.8378	1.834/.0722	17.25/.679	F810	1650A IH
		43.010/1.6933	46.705/1.8388				
MAINS							
3M1649A STD, .25, .50, .75, 1.00	1,2,3	56.980/2.2433	60.623/2.3867	1.808/.0712	21.60/.850	F810	1649A IH
		57.000/2.2441	60.636/2.3872				
THRUST							
1T1649 STD		63.600/2.5039	77.850/3.0650		2.85/.112	F250	1649T IH
		63.850/2.5138	78.100/3.0748				
CAMS							
3C3310 STD	1	39.615/1.5596	42.888/1.6885	1.600/.0630	20.32/.800	F820	3310
		39.635/1.5604	42.913/1.6895				
		2,3	39.615/1.5596				
39.635/1.5604	42.913/1.6895						

62 Engine 62

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1608cc LT Inline4 SOHC 2v Diesel							
				Year	Cyl	Bore x Stroke	
				02/1984 - 07/1990	L4	80.0mm x 80.0mm	
<i>Engine Codes LTA, LTB, LTC</i>							

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.					
CONROD												
4B4376A STD, .25		48.970/1.9279	52.000/2.0472	1.490/.0587	20.50/.807	F810	4376A IH					
		48.990/1.9287	52.020/2.0480									
MAINS												
5M4378A STD, .25	1	53.970/2.1248	57.683/2.2710	1.840/.0724	18.25/.719	F810	4378A IH					
		53.990/2.1256	57.696/2.2715									
		2,3,4,5	53.970/2.1248					57.683/2.2710	1.840/.0724	24.00/.945	F810	4379A UL
			53.990/2.1256					57.696/2.2715				
THRUST												
<i>Same as 1T1135</i>												
1T2152 STD, .005		59.436/2.3400	74.498/2.9330		2.36/.093	F250	2152T U					
		59.690/2.3500	74.752/2.9430									



63	Engine	Year	Cyl	Bore x Stroke	63
	1753cc HCPA/PB Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	06/2002 - On	L4	82.5mm x 82.0mm	
	1753cc KKDA/DB Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	11/2004 - On	L4	82.5mm x 82.0mm	
	1753cc P7PA/B Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	06/2002 - On	L4	82.5mm x 82.0mm	
	1753cc R2PA Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	06/2002 - On	L4	82.5mm x 82.0mm	
	1753cc RW Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D, Engine Codes RWPA, RWPC, RWPD, RWPE, RWPF</i>	06/2002 - On	L4	82.5mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
MAINS								
5M1678A STD, .25, .50, .75, 1.00	1	53.970/2.1248 53.990/2.1256	57.683/2.2710 57.696/2.2715	1.836/.0723	22.17/.873	F810	1665A IH	
	2,3,4,5	53.970/2.1248 53.990/2.1256	57.683/2.2710 57.696/2.2715	1.836/.0723	22.17/.873	F810	1678A L	
	2,3,4,5	53.970/2.1248 53.990/2.1256	57.683/2.2710 57.696/2.2715	1.836/.0723	23.00/.906	F810	1678WA U	
	THRUST <i>Same as 1T1135</i>							
	1T2152 STD, 005		59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430		2.36/.093	F250	2152T U

64	Engine	Year	Cyl	Bore x Stroke	64
	2358cc 4AA (York) Inline4 Diesel	11/1977 - 10/1986	L4	93.7mm x 85.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2162A STD, .25, .50, .75		59.979/2.3614 60.000/2.3622	63.505/2.5002 63.520/2.5008	1.738/.0684	26.13/1.029	F810	2162A IH
	CONROD						
4B2162P STD, .25, .50, .75, 1.00		59.979/2.3614 60.000/2.3622	63.505/2.5002 63.520/2.5008	1.738/.0684	26.13/1.029	F780	2162 IH
	MAINS						
5M4386A STD, .25, .50	1,2,4	69.990/2.7555 70.000/2.7559	74.000/2.9134 74.010/2.9138	1.972/.0776	23.10/.909	F810	4386A IH
	3	69.990/2.7555 70.000/2.7559	74.000/2.9134 74.010/2.9138	1.972/.0776	27.00/1.063	F810	4387A IH
	5	76.990/3.0311 77.000/3.0315	81.000/3.1890 81.010/3.1894	1.972/.0776	22.00/.866	F810	4388A IH
	THRUST						
2T4386 STD		78.750/3.1004 79.000/3.1102	94.000/3.7008 94.250/3.7106		2.36/.093	F250	4386T IH
	PISTON PIN BUSH						
4RB4211		28.992/1.1414 28.997/1.1416	32.000/1.2598 32.025/1.2608		32.00/1.260	F100	4RB4211
	PISTON PIN BUSH						
RB4211		28.992/1.1414 28.997/1.1416	32.000/1.2598 32.025/1.2608		32.00/1.260	F100	RB4211

65	Engine	Year	Cyl	Bore x Stroke	65
	2496cc (York) Inline4 2v Diesel <i>Engine Codes 4AB, 4BA, 4BC, 4CA, 4CC, 4FA, 4FB, 4FC, 4FD, 4HB, 4HC</i>	10/1983 - 12/2000	L4	93.7mm x 90.5mm	
	2496cc 4DA (York) Inline4 2v Turbo Diesel	05/1991 - 08/1994	L4	93.7mm x 90.5mm	
	2496cc 4ED (York) Inline4 2v Turbo Diesel	08/1997 - 03/2000	L4	93.7mm x 90.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2162A STD, .25, .50, .75		59.979/2.3614 60.000/2.3622	63.505/2.5002 63.520/2.5008	1.738/.0684	26.13/1.029	F810	2162A IH



65 Continued ...							65	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B2162P STD, .25, .50, .75, 1.00	CONROD	59.979/2.3614	63.505/2.5002	1.738/.0684	26.13/1.029	F780	2162 IH	
		60.000/2.3622	63.520/2.5008					
5M5507A STD, .25, .50, .75, 1.00	MAINS	1,2,4	69.990/2.7555	74.000/2.9134	1.983/.0781	23.10/.909	F810	2163A U
			70.000/2.7559	74.020/2.9142				
	1,2,4	69.990/2.7555	74.000/2.9134	1.983/.0781	23.10/.909	F810	5507A L	
		70.000/2.7559	74.020/2.9142					
	3	69.990/2.7555	74.000/2.9134	1.983/.0781	27.10/1.067	F810	2164A U	
		70.000/2.7559	74.020/2.9142					
	3	69.990/2.7555	74.000/2.9134	1.983/.0781	27.10/1.067	F810	5508A L	
	70.000/2.7559	74.020/2.9142						
5	76.990/3.0311	81.000/3.1890	1.983/.0781	22.10/.870	F810	2165A IH		
	77.000/3.0315	81.020/3.1898						
2T5509 STD	THRUST	78.750/3.1004	94.000/3.7008		2.86/.113	F817	5509T UL	
		79.000/3.1102	94.250/3.7106					
4RB4211	PISTON PIN BUSH	28.992/1.1414	32.000/1.2598		32.00/1.260	F100	4RB4211	
		28.997/1.1416	32.025/1.2608					
RB4211	PISTON PIN BUSH	28.992/1.1414	32.000/1.2598		32.00/1.260	F100	RB4211	
		28.997/1.1416	32.025/1.2608					

66 Engine				Year	Cyl	Bore x Stroke	66	
2496cc (York) Inline4 2v Turbo Diesel				05/1991 - 12/2000	L4	93.7mm x 90.5mm		
<i>Engine Codes 4EA, 4EB, 4EC, 4GA, 4GB, 4GC, 4GD, 4GE, 4GF</i>								
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B2162P STD, .25, .50, .75, 1.00	CONROD	59.979/2.3614	63.505/2.5002	1.738/.0684	26.13/1.029	F780	2162 IH	
		60.000/2.3622	63.520/2.5008					
5M5507A STD, .25, .50, .75, 1.00	MAINS	1,2,4	69.990/2.7555	74.000/2.9134	1.983/.0781	23.10/.909	F810	2163A U
			70.000/2.7559	74.020/2.9142				
	1,2,4	69.990/2.7555	74.000/2.9134	1.983/.0781	23.10/.909	F810	5507A L	
		70.000/2.7559	74.020/2.9142					
	3	69.990/2.7555	74.000/2.9134	1.983/.0781	27.10/1.067	F810	2164A U	
		70.000/2.7559	74.020/2.9142					
	3	69.990/2.7555	74.000/2.9134	1.983/.0781	27.10/1.067	F810	5508A L	
	70.000/2.7559	74.020/2.9142						
5	76.990/3.0311	81.000/3.1890	1.983/.0781	22.10/.870	F810	2165A IH		
	77.000/3.0315	81.020/3.1898						
2T5509 STD	THRUST	78.750/3.1004	94.000/3.7008		2.86/.113	F817	5509T UL	
		79.000/3.1102	94.250/3.7106					
4RB4211	PISTON PIN BUSH	28.992/1.1414	32.000/1.2598		32.00/1.260	F100	4RB4211	
		28.997/1.1416	32.025/1.2608					
RB4211	PISTON PIN BUSH	28.992/1.1414	32.000/1.2598		32.00/1.260	F100	RB4211	
		28.997/1.1416	32.025/1.2608					

67 Engine				Year	Cyl	Bore x Stroke	67	
2496cc 4HA/HD (York) Inline4 2v Diesel				08/1994 - 12/2000	L4	93.7mm x 90.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M5507A STD, .25, .50, .75, 1.00	MAINS	1,2,4	69.990/2.7555	74.000/2.9134	1.983/.0781	23.10/.909	F810	5507A L
			70.000/2.7559	74.020/2.9142				



67 Continued ...							67
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M5507A STD, .25, .50, .75, 1.00	1,2,4	69.990/2.7555 70.000/2.7559	74.000/2.9134 74.020/2.9142	1.983/.0781	23.10/.909	F810	2163A U
	3	69.990/2.7555 70.000/2.7559	74.000/2.9134 74.020/2.9142	1.983/.0781	27.10/1.067	F810	2164A U
	3	69.990/2.7555 70.000/2.7559	74.000/2.9134 74.020/2.9142	1.983/.0781	27.10/1.067	F810	5508A L
	5	76.990/3.0311 77.000/3.0315	81.000/3.1890 81.020/3.1898	1.983/.0781	22.10/.870	F810	2165A IH
	THRUST						
2T5509 STD		78.750/3.1004 79.000/3.1102	94.000/3.7008 94.250/3.7106		2.86/.113	F817	5509T UL
	PISTON PIN BUSH						
4RB4211		28.992/1.1414 28.997/1.1416	32.000/1.2598 32.025/1.2608		32.00/1.260	F100	4RB4211
	PISTON PIN BUSH						
RB4211		28.992/1.1414 28.997/1.1416	32.000/1.2598 32.025/1.2608		32.00/1.260	F100	RB4211

68 Engine				Year	Cyl	Bore x Stroke	68	
363ci (6.0L) VT365 Power Stroke V8 OHV 4v T/Diesel				01/2003 - 12/2010	V8	95.0mm x 105.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>One pair only, order number of pairs required.</i>								
1B7270P STD, .25		68.999/2.7165 69.012/2.7170	72.987/2.8735 73.010/2.8744	1.981/.0780	21.11/.831	F780	7270 IH	
	CONROD							
8B7270P STD, .25		68.999/2.7165 69.012/2.7170	72.987/2.8735 73.010/2.8744	1.981/.0780	21.11/.831	F780	7270 IH	
	MAINS							
5M7274P STD, .25	1,2,3,4,5	80.990/3.1886 81.011/3.1894	85.989/3.3854 86.009/3.3862	2.479/.0976	21.50/.847	F780	7274 L	
	1,2,3,5	80.990/3.1886 81.011/3.1894	85.989/3.3854 86.009/3.3862	2.479/.0976	21.50/.847	F780	7274 U	
	4	80.990/3.1886 81.011/3.1894	85.989/3.3854 86.009/3.3862	2.479/.0976	28.45/1.120	F780	7273(F) U	
	MAINS <i>1.0mm OD version of 5M7274P.</i>							
	5M7274PO/S1.0 STD	1,2,3,4,5	80.990/3.1886 81.011/3.1894	86.989/3.4248 87.009/3.4255	2.979/.1173	21.50/.847	F780	9029 L
1,2,3,5		80.990/3.1886 81.011/3.1894	86.989/3.4248 87.009/3.4255	2.979/.1173	21.50/.847	F780	9029 U	
4		80.990/3.1886 81.011/3.1894	86.989/3.4248 87.009/3.4255	2.979/.1173	28.45/1.120	F780	9028(F) U	
CAMS								
5C7276 STD	1,2,3,4,5	61.986/2.4404 62.014/2.4415	65.979/2.5976 66.020/2.5992	1.965/.0774	18.50/.728	F250	7276	

69 Engine				Year	Cyl	Bore x Stroke	69
387ci (6.4L) VT365 Power Stroke V8 OHV 4v T/Diesel				01/2008 - 12/2010	V8	98.0mm x 105.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>One pair only, order number of pairs required.</i>							
1B7271P STD, .25		71.986/2.8341 72.014/2.8352	75.987/2.9916 76.012/2.9926	1.981/.0780	21.10/.831	F780	7271 IH
	CONROD						
8B7271P STD, .25		71.986/2.8341 72.014/2.8352	75.987/2.9916 76.012/2.9926	1.981/.0780	21.10/.831	F780	7271 IH
	MAINS						
5M7274P STD, .25	1,2,3,4,5	80.990/3.1886 81.011/3.1894	85.989/3.3854 86.009/3.3862	2.479/.0976	21.50/.847	F780	7274 L



69 Continued ...							69
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M7274P STD, .25	1,2,3,5	80.990/3.1886 81.011/3.1894	85.989/3.3854 86.009/3.3862	2.479/.0976	21.50/.847	F780	7274 U
	4	80.990/3.1886 81.011/3.1894	85.989/3.3854 86.009/3.3862	2.479/.0976	28.45/1.120	F780	7273(F) U
	MAINS <i>1.0mm OD version of 5M7274P.</i>						
	5M7274PO/S1.0 STD	1,2,3,4,5	80.990/3.1886 81.011/3.1894	86.989/3.4248 87.009/3.4255	2.979/.1173	21.50/.847	F780
1,2,3,5		80.990/3.1886 81.011/3.1894	86.989/3.4248 87.009/3.4255	2.979/.1173	21.50/.847	F780	9029 U
4		80.990/3.1886 81.011/3.1894	86.989/3.4248 87.009/3.4255	2.979/.1173	28.45/1.120	F780	9028(F) U
CAMS							
5C7276 STD	1,2,3,4,5	61.986/2.4404 62.014/2.4415	65.979/2.5976 66.020/2.5992	1.965/.0774	18.50/.728	F250	7276

70 Engine				Year	Cyl	Bore x Stroke	70	
4.0L (243ci) Barra (Australia) Inline6 DOHC 4v Turbo				10/2002 - On	L6	92.3mm x 99.3mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>Was 6B583A</i>								
6B2150A STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F810	2150A IH	
	RACE SERIES							
6B2150H STD, 001, 010, 020		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH	
	RACE SERIES							
6B2150HX STD		53.934/2.1234 53.945/2.1238	56.891/2.2398 56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH	
	CONROD <i>0.001" extra oil clearance on STD journal.</i>							
6B2150P STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F780	2150 IH	
	RACE SERIES							
7M2092H STD, 001, 010, 020	1,2,3,4,5,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.999/.0787	20.90/.823	F780	2092H L	
	1,2,3,4,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.999/.0787	20.90/.823	F780	2092H U	
	5	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.999/.0787	27.28/1.074	F780	2093H(F) U	
	MAINS <i>0.001" extra oil clearance on STD journal.</i>							
	7M2092HX STD	1,2,3,4,5,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.986/.0782	20.90/.823	F780	2092HX L
		1,2,3,4,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.986/.0782	20.90/.823	F780	2092HXU U
5		67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.986/.0782	27.28/1.074	F780	2093HX(F) U	
MAINS								
7M2092P STD, 001, 010, 020, 030, 040	1,2,3,4,5,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	2.001/.0788	20.90/.823	F780	2092 L	
	1,2,3,4,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	2.001/.0788	20.90/.823	F780	2092 U	
	5	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	2.001/.0788	27.28/1.074	F780	2093(F) U	
	PISTON PIN BUSH							
RB4124 UNB			23.980/.9441 24.000/.9449	1.120/.0441	25.24/.994	F100	RB4124	



71 Engine		Year		Cyl	Bore x Stroke		71
1294cc JCT TL13 Inline4 SOHC 2v		08/1982 - 12/1986		L4	79.0mm x 66.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2166A STD, .25, .50, .75, 1.00, 1.50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.10/.791	F810	2166A
		52.000/2.0472	55.020/2.1661				IH
RACE SERIES							
4B2166H STD, .25, .50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.12/.792	F781	2166H
		52.000/2.0472	55.020/2.1661				IH
RACE SERIES							
4B2166HX STD		0.001" extra oil clearance on STD journal.		51.990/2.0468	55.000/2.1654	1.483/.0584	20.12/.792
		52.000/2.0472	55.020/2.1661			F781	2166HX
MAINS							
5M2167A STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F810	2167A
		57.000/2.2441	60.640/2.3874				IH
RACE SERIES							
5M2167H STD, .25, .50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.803/.0710	23.75/.935	F780	2167H
		57.000/2.2441	60.640/2.3874				UL
RACE SERIES							
5M2167HX STD	1,2,3,4,5	0.001" extra oil clearance on STD journal.		56.990/2.2437	60.620/2.3866	1.790/.0705	23.75/.935
		57.000/2.2441	60.640/2.3874			F780	2167HX
MAINS							
5M2167P STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F780	2167
		57.000/2.2441	60.640/2.3874				IH
MAINS							
5M4375A STD, .25, .50	1,2,3,4,5	For engines from 01/1986 on.		56.970/2.2429	60.620/2.3866	1.810/.0713	23.60/.929
		56.990/2.2437	60.640/2.3874			F810	4375A
THRUST							
2T2167 STD, .005		Was 2T218S.		63.600/2.5039	80.240/3.1590	2.35/.093	F250
		63.850/2.5138	80.490/3.1689				2167T
CAMS							
3C5816 STD	1	41.996/1.6534	45.072/1.7745	1.511/.0595	20.24/.797	F23	5816
		42.012/1.6540	45.103/1.7757				
		44.615/1.7565	47.691/1.8776	1.511/.0595	17.27/.680	F23	5817
		44.630/1.7571	47.721/1.8788				
	2	44.955/1.7699	48.072/1.8926	1.511/.0595	16.25/.640	F23	5818
		45.011/1.7721	48.102/1.8938				
	3						
AUX							
1B55687 STD			45.080/1.7748	1.540/.0606	13.00/.512	F23	5687
			45.110/1.7760				

72 Engine		Year		Cyl	Bore x Stroke		72
1297cc Endura-E Inline4 OHV 2v		07/1990 - 10/2002		L4	74.0mm x 75.5mm		
<i>Engine Codes J4B, J4C, J4D, J4J, J4K, J4L, J4M, J4N, J4P, J4Q, J4R, J4S, J4T, J6A, J6B, JBC, JBD, JBE, JJA, JJB, JJC, JJD, JJE, JJF, JJG, JJH, JJJ</i>							
1297cc HCS Inline4 OHV 2v		12/1985 - 10/1990		L4	74.0mm x 75.5mm		
<i>Engine Codes JBA, JBB, JLA, JLB</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1810A STD, .25, .50, .75, 1.00		40.990/1.6138	43.990/1.7319	1.485/.0585	18.00/.709	F810	1810A
		41.010/1.6146	44.010/1.7327				IH
MAINS							
5M1815A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.990/2.2437	60.623/2.3867	1.805/.0711	18.50/.728	F810	1815A
		57.000/2.2441	60.636/2.3872				UL
THRUST							
1T1649 STD		63.600/2.5039	77.850/3.0650		2.85/.112	F250	1649T
		63.850/2.5138	78.100/3.0748				IH



72 Continued ... 72

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
3C3310 STD	CAMS						
	1	39.615/1.5596 39.635/1.5604	42.888/1.6885 42.913/1.6895	1.600/.0630	20.32/.800	F820	3310
	2,3	39.615/1.5596 39.635/1.5604	42.888/1.6885 42.913/1.6895	1.600/.0630	17.27/.680	F820	3311

73 Engine Year Cyl Bore x Stroke 73
98ci (1.6L) Xflow (Kent/Pinto) Inline4 OHV 2v 01/1971 - 12/1973 L4 3.19in x 3.06in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
RACE SERIES 4B603H STD, 001, 010, 020	CONROD	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.830/.0720	22.35/.880	F781	5216H UL		
RACE SERIES 4B603HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.817/.0715	22.35/.880	F781	5216HX UL
4B603P STD, 010, 020, 030, 040, 050,	CONROD	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F780	5216 IH		
5M2152A STD, 010, 020, 030, 040	MAINS	<i>Same as 5M742A</i>		53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.836/.0723	25.52/1.005	F810	2152A IH
RACE SERIES 5M2152H STD, 001, 010, 020	MAINS	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.831/.0721	25.52/1.005	F780	2152H IH		
RACE SERIES 5M2152HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>		53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.818/.0716	25.52/1.005	F780	2152HX IH
5M2152P STD, 010, 020, 030, 040	MAINS	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.836/.0723	25.52/1.005	F780	2152 IH		
1T2152 STD, 005	THRUST	<i>Same as 1T1135</i>		59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430	2.36/.093	F250	2152T U	
3C3300 STD	CAMS	1	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	20.32/.800	F23	3300	
		2	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	17.53/.690	F23	3301	
		3	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	18.67/.735	F23	3302	
1C1094S STD	AUX	41.953/1.6517 41.978/1.6527	45.072/1.7745 45.099/1.7755	1.571/.0619	12.95/.510	F23	7340		
RB902 STD	PISTON PIN BUSH		20.625/.8120 20.632/.8123	22.327/.8790 22.352/.8800	.980/.0386	26.67/1.050	F100	RB902	

74 Engine Year Cyl Bore x Stroke 74
98ci (1.6L) CVH Inline4 SOHC 2v 01/1980 - 12/1985 L4 3.16in x 3.13in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1276A STD, 010, 020, 030	CONROD	47.889/1.8854 47.909/1.8862	50.889/2.0035 50.909/2.0043	1.487/.0585	19.35/.762	F810	5226A IH
5M1557A STD, 010, 020, 030	MAINS	57.981/2.2827 58.001/2.2835	62.286/2.4522 62.300/2.4528	2.138/.0842	22.45/.884	F810	5227A L



74 Continued ...							74
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1557A STD, 010, 020, 030	1,2,4,5	57.981/2.2827 58.001/2.2835	62.286/2.4522 62.300/2.4528	2.138/.0842	22.45/.884	F810	5227A U
	3	57.981/2.2827 58.001/2.2835	62.286/2.4522 62.300/2.4528	2.138/.0842	28.73/1.131	F810	5228A(F) U

75 Engine	Year	Cyl	Bore x Stroke	75
1119cc HCS Inline4 OHV 2v <i>Engine Codes G6A, GUB, GUC, GUD, GUE</i>	03/1989 - 07/1996	L4	68.7mm x 75.5mm	
999cc TLB (HCS) Inline4 OHV 2v	09/1983 - 12/1995	L4	68.7mm x 67.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1810A STD, .25, .50, .75, 1.00		40.990/1.6138 41.010/1.6146	43.990/1.7319 44.010/1.7327	1.485/.0585	18.00/.709	F810	1810A IH
	MAINS						
3M1815A STD, .25, .50, .75, 1.00	1,2,3	56.990/2.2437 57.000/2.2441	60.623/2.3867 60.636/2.3872	1.805/.0711	18.50/.728	F810	1815A UL
	THRUST						
1T1649 STD		63.600/2.5039 63.850/2.5138	77.850/3.0650 78.100/3.0748		2.85/.112	F250	1649T IH
	CAMS						
3C3310 STD	1	39.615/1.5596 39.635/1.5604	42.888/1.6885 42.913/1.6895	1.600/.0630	20.32/.800	F820	3310
	2,3	39.615/1.5596 39.635/1.5604	42.888/1.6885 42.913/1.6895	1.600/.0630	17.27/.680	F820	3311

76 Engine	Year	Cyl	Bore x Stroke	76
245ci (4.0L) V6 SOHC 2v <i>VIN Code E,K,N</i>	11/1996 - 12/2010	V6	100.4mm x 84.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B723A STD, 010, 020, 030, 040		53.980/2.1252 54.000/2.1260	56.820/2.2370 56.840/2.2378	1.407/.0554	16.48/.649	F810	1656A IH
	MAINS						
4M2006A STD, 10, 20, 30	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1657A U
	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1663A L
	3	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	26.29/1.035	F810	1658A(F) IH
AUX							
2C6002S STD	Front			1.549/.0610	29.00/1.142	F23	7343
	Rear			1.549/.0610	22.98/.905	F23	7344

77 Engine	Year	Cyl	Bore x Stroke	77
245ci (4.0L) V6 OHV 2v <i>VIN Code X</i>	01/1990 - 12/2000	V6	100.4mm x 84.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B723A STD, 010, 020, 030, 040		53.980/2.1252 54.000/2.1260	56.820/2.2370 56.840/2.2378	1.407/.0554	16.48/.649	F810	1656A IH
	MAINS						
4M2006A STD, 10, 20, 30	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1657A U



77 Continued ...							77
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4M2006A STD, 10, 20, 30	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1663A L
	3	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	26.29/1.035	F810	1658A(F) IH
CAMS		<i>Alternate set to 4C1441S with 21.1mm wide #4 cam</i>					
4C1441AS STD	1	49.555/1.9510 49.581/1.9520	52.756/2.0770 52.807/2.0790	1.570/.0618	19.80/.780	F23	5274
	2	49.200/1.9370 49.225/1.9380	52.375/2.0620 52.426/2.0640	1.560/.0614	17.90/.705	F23	5275
	3	48.819/1.9220 48.844/1.9230	51.994/2.0470 52.045/2.0490	1.560/.0614	17.90/.705	F23	5276
	4	48.438/1.9070 48.463/1.9080	51.615/2.0321 51.666/2.0341	1.560/.0614	21.12/.832	F23	5278
CAMS							
4C1441S STD	1	49.555/1.9510 49.581/1.9520	52.756/2.0770 52.807/2.0790	1.570/.0618	19.80/.780	F23	5274
	2	49.200/1.9370 49.225/1.9380	52.375/2.0620 52.426/2.0640	1.560/.0614	17.90/.705	F23	5275
	3	48.819/1.9220 48.844/1.9230	51.994/2.0470 52.045/2.0490	1.560/.0614	17.90/.705	F23	5276
	4	48.438/1.9070 48.463/1.9080	51.615/2.0321 51.666/2.0341	1.560/.0614	15.10/.595	F23	5277

78 Engine		Year	Cyl	Bore x Stroke	78		
1598cc ZMD Inline4 DOHC 4v		06/1998 - 10/2002	L4	78.0mm x 83.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8351A STD, .25, .50, .75, 1.00	CONROD	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F810	8351A IH
		44.956/1.7699	48.016/1.8904				
RACE SERIES 4B8351H STD, .025, .25, .50	CONROD	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F781	8351H IH
		44.956/1.7699	48.016/1.8904				
RACE SERIES 4B8351HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		44.940/1.7693	48.000/1.8898	1.502/.0591	17.00/.669	F781	8351HX IH
5M8353A STD, .25, .50, .75, 1.00	MAINS	<i>Set is half groove.</i>					
		49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A U
		49.956/1.9668	54.018/2.1267				
		49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8353A L
		49.956/1.9668	54.018/2.1267				
		49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H L
RACE SERIES 5M8353H STD, .025, .25, .50	MAINS	49.956/1.9668	54.018/2.1267				
		49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H U
		49.956/1.9668	54.018/2.1267				
		49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H U
RACE SERIES 5M8353HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
		49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8354HX U
		49.956/1.9668	54.018/2.1267				
		49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8353HX L
		49.956/1.9668	54.018/2.1267				
		49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8353HX L
1T8353 STD	THRUST	57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T IH
		57.350/2.2579	68.830/2.7098				



79 Engine		Year	Cyl	Bore x Stroke	79		
1796cc TL18H Inline4 SOHC 2v		10/1984 - 02/1992	L4	86.2mm x 77.0mm			
<i>Engine Codes R2A, REB, REC, RED, REF</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2166A STD, .25, .50, .75, 1.00, 1.50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.10/.791	F810	2166A
		52.000/2.0472	55.020/2.1661				IH
RACE SERIES							
4B2166H STD, .25, .50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.12/.792	F781	2166H
		52.000/2.0472	55.020/2.1661				IH
RACE SERIES							
4B2166HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.483/.0584	20.12/.792	F781	2166HX
		51.990/2.0468	55.000/2.1654				IH
52.000/2.0472		55.020/2.1661					IH
CONROD							
4B4370P STD, .25, .50, .75		51.980/2.0465	55.000/2.1654	1.470/.0579	20.00/.787	F780	4370
		52.000/2.0472	55.020/2.1661				IH
MAINS							
5M2167A STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F810	2167A
		57.000/2.2441	60.640/2.3874				IH
RACE SERIES							
5M2167H STD, .25, .50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.803/.0710	23.75/.935	F780	2167H
		57.000/2.2441	60.640/2.3874				UL
RACE SERIES							
5M2167HX STD	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.790/.0705	23.75/.935	F780	2167HX
		56.990/2.2437	60.620/2.3866				UL
57.000/2.2441		60.640/2.3874					UL
MAINS							
5M2167P STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F780	2167
		57.000/2.2441	60.640/2.3874				IH
THRUST							
2T2167 STD, 005		<i>Was 2T218S.</i>			2.35/.093	F250	2167T
		63.600/2.5039	80.240/3.1590				UL
63.850/2.5138		80.490/3.1689					UL
CAMS							
3C5816 STD	1	41.996/1.6534	45.072/1.7745	1.511/.0595	20.24/.797	F23	5816
		42.012/1.6540	45.103/1.7757				
		44.615/1.7565	47.691/1.8776	1.511/.0595	17.27/.680	F23	5817
	2	44.630/1.7571	47.721/1.8788				
		44.955/1.7699	48.072/1.8926	1.511/.0595	16.25/.640	F23	5818
	3	45.011/1.7721	48.102/1.8938				
AUX							
1B55687 STD			45.080/1.7748	1.540/.0606	13.00/.512	F23	5687
			45.110/1.7760				

80 Engine		Year	Cyl	Bore x Stroke	80		
188ci (3.1L) Inline6 OHV 2v		01/1965 - 12/1970	L6	3.68in x 2.94in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2150A STD, 001, 010, 020, 030, 040		<i>Was 6B583A</i>		1.458/.0574	20.57/.810	F810	2150A
		53.934/2.1234	56.871/2.2390				IH
53.945/2.1238		56.891/2.2398					IH
RACE SERIES							
6B2150H STD, 001, 010, 020		53.934/2.1234	56.871/2.2390	1.455/.0573	20.57/.810	F781	2150H
		53.945/2.1238	56.891/2.2398				IH
RACE SERIES							
6B2150HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.442/.0568	20.57/.810	F781	2150HX
		53.934/2.1234	56.891/2.2398				IH
53.945/2.1238		56.891/2.2398					IH
CONROD							
6B2150P STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150
		53.945/2.1238	56.891/2.2398				IH

80 Continued ... 80

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS		<i>Full groove set. Was 7M771A.</i>					
7M2126A STD, 010, 020, 030, 040	1,2,3,4,6,7	57.109/2.2484	60.995/2.4014	1.928/.0759	25.90/1.020	F810	2126A IH
		57.119/2.2488	61.006/2.4018				
	5	57.104/2.2482	60.990/2.4012	1.928/.0759	32.28/1.271	F810	2127A(F) IH
		57.124/2.2490	61.011/2.4020				
CAMS							
4C5768 STD	1,4	45.961/1.8095	49.479/1.9480	1.735/.0683	18.54/.730	F23	5768
		45.987/1.8105	49.505/1.9490				
	2,3	45.961/1.8095	49.098/1.9330	1.544/.0608	18.54/.730	F23	5826
		45.987/1.8105	49.124/1.9340				

81 Engine Year Cyl Bore x Stroke 81

254ci 2712E Inline4 OHV 2v	01/1965 - On	L4	4.22in x 4.52in
3933cc 2701E/2706E Inline4 OHV 2v Diesel	01/1965 - 12/1981	L4	4.13in x 4.52in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B1861A STD, 010, 020, 030, 040, 050,		66.655/2.6242	70.878/2.7905	2.084/.0820	34.03/1.340	F810	1861A IH
		66.675/2.6250	70.891/2.7910				
MAINS							
5M1864A STD, 010, 020, 030, 040, 050,	1,2,4	76.205/3.0002	80.429/3.1665	2.078/.0818	26.67/1.050	F810	1862A UL
		76.225/3.0010	80.442/3.1670				
	3,5	76.205/3.0002	80.429/3.1665	2.078/.0818	36.19/1.425	F810	1864A UL
		76.225/3.0010	80.442/3.1670				
THRUST							
2T2102 STD, 0025, 005, 0075		84.200/3.3150	98.750/3.8878		2.36/.093	F250	2102T UL
		84.450/3.3248	99.000/3.8976				
CAMS							
4DC1866 STD	1	55.486/2.1845	58.750/2.3130	1.613/.0635	26.16/1.030	F250	1866
		55.499/2.1850	58.775/2.3140				
	2,3,4	55.486/2.1845	58.750/2.3130	1.613/.0635	24.15/.951	F23	5758
		55.499/2.1850	58.775/2.3140				
PISTON PIN BUSH							
RB4043 UNB		36.502/1.4371	39.700/1.5630	1.750/.0689	37.59/1.480	F100	RB4043
		36.510/1.4374	39.751/1.5650				

82 Engine Year Cyl Bore x Stroke 82

360ci 2704E/2709E Inline6 OHV 2v Diesel	01/1965 - 12/1981	L6	4.13in x 4.52in
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD		<i>Contains plain identical halves.</i>					
6B1861 STD, 010, 020, 030, 040, 050,		66.655/2.6242	70.878/2.7905	2.084/.0820	34.03/1.340	F810	1861A IH
		66.675/2.6250	70.891/2.7910				
MAINS							
7M1864 STD, 010, 020, 030, 040, 050,	1,2,3,5,6	76.205/3.0002	80.429/3.1665	2.078/.0818	26.67/1.050	F810	1862A UL
		76.225/3.0010	80.442/3.1670				
	4,7	76.205/3.0002	80.429/3.1665	2.078/.0818	36.19/1.425	F810	1864A UL
		76.225/3.0010	80.442/3.1670				
THRUST							
2T2102 STD, 0025, 005, 0075		84.200/3.3150	98.750/3.8878		2.36/.093	F250	2102T UL
		84.450/3.3248	99.000/3.8976				
CAMS							
6DC1866 STD	1	55.486/2.1845	58.750/2.3130	1.613/.0635	26.16/1.030	F250	1866
		55.499/2.1850	58.775/2.3140				
	2 TO 6	55.486/2.1845	58.750/2.3130	1.613/.0635	24.15/.951	F23	5758
		55.499/2.1850	58.775/2.3140				
PISTON PIN BUSH							
RB4043 UNB		36.502/1.4371	39.700/1.5630	1.750/.0689	37.59/1.480	F100	RB4043
		36.510/1.4374	39.751/1.5650				



83 Engine		Year	Cyl	Bore x Stroke	83		
256ci Inline4 OHV 2v Turbo Diesel		10/1971 - On	L4	4.40in x 4.20in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1120P STD, .010, .020, .030, .040, .060		69.840/2.7496	74.706/2.9412	2.400/.0945	35.81/1.410	F780	1120
		69.860/2.7504	74.727/2.9420				IH
MAINS <i>Undersizes 040-060" have overwidth flanges (Std+.010").</i>							
5M1122A STD, .010, .020, .030, .040, .050,	1,2,4,5	85.634/3.3714	92.055/3.6242	3.176/.1250	28.19/1.110	F810	1122A
		85.654/3.3722	92.075/3.6250				UL
	3	85.634/3.3714	92.055/3.6242	3.176/.1250	36.96/1.455	F810	1123A(F)
		85.654/3.3722	92.075/3.6250				UL
CAMS							
5C5806 STD	1 TO 5	60.693/2.3895	64.364/2.5340	1.816/.0715	19.55/.770	F23	5806
		60.719/2.3905	64.890/2.5547				
84 Engine		Year	Cyl	Bore x Stroke	84		
281ci (4.6L) (Romeo) V8 SOHC 2v VIN Code W,X		01/1991 - 12/2010	V8	90.2mm x 90.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B1442A STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F810	5636A
		53.002/2.0867	56.886/2.2396				IH
RACE SERIES							
8B1442H STD, .025, .25		52.984/2.0860	56.865/2.2388	1.925/.0758	20.95/.825	F781	5636H
		53.002/2.0867	56.886/2.2396				IH
RACE SERIES							
8B1442HX STD		<i>0.001" extra oil clearance on STD journal.</i>					
		52.984/2.0860	56.865/2.2388	1.912/.0753	20.95/.825	F781	5636HX
		53.002/2.0867	56.886/2.2396				IH
CONROD							
8B1442P STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F780	5636
		53.002/2.0867	56.886/2.2396				IH
MAINS <i>For Engines with Cast Iron Block. Main set contains thrust washer used in #5 upper position. For cast iron blocks, Romeo engine.</i>							
5M2007A STD, .25, .50, .75, 1.00	1,2,3,4	67.483/2.6568	72.403/2.8505	2.443/.0962	18.25/.719	F810	5638A
		67.503/2.6576	72.420/2.8512				L
	1,2,3,4,5	67.483/2.6568	72.403/2.8505	2.443/.0962	19.12/.753	F810	5638WA
		67.503/2.6576	72.420/2.8512				U
	5	67.483/2.6568	72.403/2.8505	2.443/.0962	22.61/.890	F810	5639A(F)
		67.503/2.6576	72.420/2.8512				L
	5	76.000/2.9921	97.500/3.8386		2.36/.093	F817	5639T
		76.250/3.0020	97.750/3.8484				U
MAINS <i>For years 1991-1992. Upper flange bearing has no notch.</i>							
5M7141A STD, .25, .50, .75, 1.00	1,2,3,4	67.483/2.6568	72.403/2.8505	2.443/.0962	18.25/.719	F810	5638A
		67.503/2.6576	72.420/2.8512				L
	1,2,3,4	67.483/2.6568	72.403/2.8505	2.443/.0962	19.12/.753	F810	5638WA
		67.503/2.6576	72.420/2.8512				U
	5	67.483/2.6568	72.403/2.8505	2.443/.0962	22.61/.890	F810	5639A(F)
		67.503/2.6576	72.420/2.8512				UL
CAMS							
6C1100A STD, .25	1,2,3,4,5,6	26.937/1.0605	29.119/1.1464	1.083/.0426	14.70/.579	F810	5194A
		26.962/1.0615	29.144/1.1474				L
	1,2,3,4,5,6	26.937/1.0605	29.119/1.1464	1.083/.0426	14.70/.579	F810	5195A
		26.962/1.0615	29.144/1.1474				U
PISTON PIN BUSH							
8RB4113 UNB			24.000/.9449	1.300/.0512	23.75/.935	F100	8RB4113
			24.000/.9449				
PISTON PIN BUSH							
RB4113 UNB			24.000/.9449	1.300/.0512	23.75/.935	F100	RB4113
			24.000/.9449				

85	Engine	Year	Cyl	Bore x Stroke	85
	3.2L (193ci) (Australia) Inline6 SOHC 2v	03/1988 - 08/1992	L6	91.9mm x 79.3mm	
	3.9L (240ci) (Australia) Inline6 SOHC 2v	01/1988 - 12/1992	L6	91.9mm x 99.3mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Was 6B583A</i>							
6B2150A STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F810	2150A
		53.945/2.1238	56.891/2.2398				IH
RACE SERIES							
6B2150H STD, 001, 010, 020		53.934/2.1234	56.871/2.2390	1.455/.0573	20.57/.810	F781	2150H
		53.945/2.1238	56.891/2.2398				IH
RACE SERIES							
6B2150HX STD		<i>0.001" extra oil clearance on STD journal.</i>					
		53.934/2.1234	56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX
		53.945/2.1238	56.891/2.2398				IH
CONROD							
6B2150P STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150
		53.945/2.1238	56.891/2.2398				IH
RACE SERIES							
7M2158H STD, 001, 010, 020	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.423/.0954	25.90/1.020	F780	2158H
		60.935/2.3990	65.811/2.5910				UL
		60.914/2.3982	65.791/2.5902	2.423/.0954	32.28/1.271	F780	2159H(F)
		60.935/2.3990	65.811/2.5910				UL
RACE SERIES							
7M2158HX STD	1,2,3,4,6,7	<i>0.001" extra oil clearance on STD journal.</i>					
		60.914/2.3982	65.791/2.5902	2.410/.0949	25.90/1.020	F780	2158HX
		60.935/2.3990	65.811/2.5910				UL
		60.914/2.3982	65.791/2.5902	2.410/.0949	32.28/1.271	F780	2159HX(F)
	5	60.935/2.3990	65.811/2.5910				UL
MAINS							
7M2158P STD, 001, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.426/.0955	25.90/1.020	F780	2158
		60.935/2.3990	65.811/2.5910				UL
		60.914/2.3982	65.791/2.5902	2.426/.0955	32.28/1.271	F780	2159(F)
		60.935/2.3990	65.811/2.5910				UL
MAINS							
1SBS19547 STD	1	51.910/2.0437	55.105/2.1695	1.564/.0616	25.65/1.010	F23	19547
		51.940/2.0449	55.118/2.1700				

86	Engine	Year	Cyl	Bore x Stroke	86
	3.3L (200ci) X Flow Alloy Head (Aust) Inline6 OHV 2v	06/1980 - 10/1986	L6	3.68in x 3.13in	
	3.3L (200ci) X Flow Alloy Head (Aust) Inline6 OHV 2v ULP	02/1986 - 03/1988	L6	3.68in x 3.13in	
	4.1L (250ci) X Flow Alloy Head EFI (Aust) Inline6 OHV 2v	01/1983 - 10/1986	L6	3.68in x 3.91in	
	4.1L (250ci) X Flow Alloy Head EFI ULP (Aust) Inline6 OHV 2v	01/1986 - 03/1988	L6	3.68in x 3.91in	
	4.1L (250ci) X Flow Alloy Head ULP (Aust) Inline6 OHV 2v	02/1986 - 03/1993	L6	3.68in x 3.91in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Was 6B583A</i>							
6B2150A STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F810	2150A
		53.945/2.1238	56.891/2.2398				IH
RACE SERIES							
6B2150H STD, 001, 010, 020		53.934/2.1234	56.871/2.2390	1.455/.0573	20.57/.810	F781	2150H
		53.945/2.1238	56.891/2.2398				IH
RACE SERIES							
6B2150HX STD		<i>0.001" extra oil clearance on STD journal.</i>					
		53.934/2.1234	56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX
		53.945/2.1238	56.891/2.2398				IH
CONROD							
6B2150P STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150
		53.945/2.1238	56.891/2.2398				IH
RACE SERIES							
7M2158H STD, 001, 010, 020	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.423/.0954	25.90/1.020	F780	2158H
		60.935/2.3990	65.811/2.5910				UL
		60.914/2.3982	65.791/2.5902	2.423/.0954	32.28/1.271	F780	2159H(F)
		60.935/2.3990	65.811/2.5910				UL



86 Continued ...							86
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES		MAINS <i>0.001" extra oil clearance on STD journal.</i>					
7M2158HX STD	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.410/.0949	25.90/1.020	F780	2158HX UL
		60.935/2.3990	65.811/2.5910				
	5	60.914/2.3982	65.791/2.5902	2.410/.0949	32.28/1.271	F780	2159HX(F) UL
		60.935/2.3990	65.811/2.5910				
7M2158P STD, 001, 010, 020, 030, 040		MAINS					
	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.426/.0955	25.90/1.020	F780	2158 UL
		60.935/2.3990	65.811/2.5910				
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	32.28/1.271	F780	2159(F) UL
		60.935/2.3990	65.811/2.5910				
4C5826 STD		CAMS <i>Was 4C703S, #4 position cam (5746) - bleeder groove to face inwards</i>					
	1	45.961/1.8095	49.098/1.9330	1.544/.0608	18.54/.730	F23	5826
		45.987/1.8105	49.124/1.9340				
	2	45.961/1.8095	49.480/1.9480	1.735/.0683	18.54/.730	F23	5827
		45.987/1.8105	49.505/1.9490				
	3	45.961/1.8095	49.860/1.9630	1.925/.0758	18.54/.730	F23	5828
		45.987/1.8105	49.886/1.9640				
	4	45.961/1.8095	50.241/1.9780	2.116/.0833	18.54/.730	F23	5746
		45.987/1.8105	50.267/1.9790				

87 Engine				Year	Cyl	Bore x Stroke	87
3.3L X Flow Cast Iron Head (Aust) Inline6 OHV 2v				01/1976 - 06/1980	L6	3.68in x 3.13in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2150A STD, 001, 010, 020, 030, 040		CONROD <i>Was 6B583A</i>					
		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F810	2150A IH
		53.945/2.1238	56.891/2.2398				
RACE SERIES		CONROD					
6B2150H STD, 001, 010, 020		53.934/2.1234	56.871/2.2390	1.455/.0573	20.57/.810	F781	2150H IH
		53.945/2.1238	56.891/2.2398				
RACE SERIES		CONROD <i>0.001" extra oil clearance on STD journal.</i>					
6B2150HX STD		53.934/2.1234	56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH
		53.945/2.1238	56.891/2.2398				
6B2150P STD, 001, 010, 020, 030, 040		CONROD					
		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150 IH
		53.945/2.1238	56.891/2.2398				
RACE SERIES		MAINS					
7M2158H STD, 001, 010, 020	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.423/.0954	25.90/1.020	F780	2158H UL
		60.935/2.3990	65.811/2.5910				
	5	60.914/2.3982	65.791/2.5902	2.423/.0954	32.28/1.271	F780	2159H(F) UL
		60.935/2.3990	65.811/2.5910				
RACE SERIES		MAINS <i>0.001" extra oil clearance on STD journal.</i>					
7M2158HX STD	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.410/.0949	25.90/1.020	F780	2158HX UL
		60.935/2.3990	65.811/2.5910				
	5	60.914/2.3982	65.791/2.5902	2.410/.0949	32.28/1.271	F780	2159HX(F) UL
		60.935/2.3990	65.811/2.5910				
7M2158P STD, 001, 010, 020, 030, 040		MAINS					
	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.426/.0955	25.90/1.020	F780	2158 UL
		60.935/2.3990	65.811/2.5910				
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	32.28/1.271	F780	2159(F) UL
		60.935/2.3990	65.811/2.5910				
7M2188P STD, 010, 020, 030		MAINS <i>US250 or UPK stamped on block at rear of coil.</i>					
	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.426/.0955	24.64/.970	F780	2188 UL
		60.935/2.3990	65.811/2.5910				
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	30.35/1.195	F780	2187(F) UL
		60.935/2.3990	65.811/2.5910				
4C5768 STD		CAMS					
	1,4	45.961/1.8095	49.479/1.9480	1.735/.0683	18.54/.730	F23	5768
		45.987/1.8105	49.505/1.9490				

87 Continued ... 87

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4C5768 STD	2,3	45.961/1.8095	49.098/1.9330	1.544/.0608	18.54/.730	F23	5826
		45.987/1.8105	49.124/1.9340				

88 Engine Year Cyl Bore x Stroke 88

1998cc V6 OHV 2v	01/1968 - 12/1981	V6	84.0mm x 60.1mm
2551cc V6 OHV 2v	01/1969 - 01/1979	V6	90.0mm x 66.8mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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6B723A STD, 010, 020, 030, 040	CONROD	53.980/2.1252	56.820/2.2370	1.407/.0554	16.48/.649	F810	1656A IH
		54.000/2.1260	56.840/2.2378				
4M1657P STD, 010, 020, 030	MAINS 1,2,3,4	<i>Use with engine equipped with thrust washers.</i>					
		56.980/2.2433	60.620/2.3866	1.806/.0711	21.59/.850	F810	1657A IH
4M860A STD, 010, 020, 030	MAINS 1,2,4	<i>4M860A has integral thrust flanges. Was 5M1658.</i>					
		56.980/2.2433	60.620/2.3866	1.806/.0711	21.59/.850	F810	1657A IH
2T1657 STD	THRUST	57.000/2.2441	60.640/2.3874	1.806/.0711	26.29/1.035	F810	1658A(F) IH
		56.980/2.2433	60.620/2.3866	1.806/.0711	26.29/1.035	F810	1658A(F) IH
2T1657 STD	THRUST	57.000/2.2441	60.640/2.3874		2.35/.093	F250	2167T UL
		63.600/2.5039	80.240/3.1590		2.35/.093	F250	1657T L
		63.850/2.5138	80.490/3.1689				
		63.600/2.5039	80.240/3.1590				
63.850/2.5138	80.490/3.1689						

89 Engine Year Cyl Bore x Stroke 89

233ci Inline4 OHV 2v	01/1965 - On	L4	4.20in x 4.20in
233ci Inline4 OHV 2v Diesel	01/1965 - On	L4	4.20in x 4.20in
256ci Inline4 OHV 2v Diesel	01/1965 - 12/1999	L4	4.40in x 4.20in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B1121A STD, 010, 020, 030, 040, 050,	CONROD	69.840/2.7496	74.706/2.9412	2.400/.0945	35.81/1.410	F810	1121A IH
		69.860/2.7504	74.727/2.9420				
5M1122A STD, 010, 020, 030, 040, 050,	MAINS 1,2,4,5	<i>Undersizes 040-060" have overwidth flanges (Std+010").</i>					
		85.634/3.3714	92.055/3.6242	3.176/.1250	28.19/1.110	F810	1122A UL
		85.654/3.3722	92.075/3.6250	3.176/.1250	36.96/1.455	F810	1123A(F) UL
5C5806 STD	CAMS 1 TO 5	85.634/3.3714	92.055/3.6242	3.176/.1250	36.96/1.455	F810	1123A(F) UL
		85.654/3.3722	92.075/3.6250				
5C5806 STD	CAMS 1 TO 5	60.693/2.3895	64.364/2.5340	1.816/.0715	19.55/.770	F23	5806
		60.719/2.3905	64.890/2.5547				
RB4015 UNB	PISTON PIN BUSH <i>Non-Turbo only.</i>	38.092/1.4997	41.275/1.6250	1.780/.0701	41.15/1.620	F100	RB4015
		38.100/1.5000	41.300/1.6260				

90 Engine Year Cyl Bore x Stroke 90

221ci Inline6 OHV 2v	01/1968 - 11/1970	L6	3.68in x 3.46in
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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6B2150P STD, 001, 010, 020, 030, 040	CONROD	53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150 IH
		53.945/2.1238	56.891/2.2398				
7M2126A STD, 010, 020, 030, 040	MAINS 1,2,3,4,6,7	<i>Full groove set. Was 7M771A.</i>					
		57.109/2.2484	60.995/2.4014	1.928/.0759	25.90/1.020	F810	2126A IH
		57.119/2.2488	61.006/2.4018	1.928/.0759	32.28/1.271	F810	2127A(F) IH
7M2126A STD, 010, 020, 030, 040	MAINS 5	57.104/2.2482	60.990/2.4012	1.928/.0759	32.28/1.271	F810	2127A(F) IH
		57.124/2.2490	61.011/2.4020				



90 Continued ...								90
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CAMS								
4C5768 STD	1,4	45.961/1.8095	49.479/1.9480	1.735/.0683	18.54/.730	F23	5768	
		45.987/1.8105	49.505/1.9490					
	2,3	45.961/1.8095	49.098/1.9330	1.544/.0608	18.54/.730	F23	5826	
		45.987/1.8105	49.124/1.9340					
91 Engine								91
302ci (5.0L) Cleveland V8 OHV 2v				Year 01/1972 - 01/1988	Cyl V8	Bore x Stroke 4.00in x 3.00in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
8B927A STD, 010, 020, 030, 040		58.682/2.3103	61.880/2.4362	1.588/.0625	18.18/.716	F810	2106A IH	
		58.702/2.3111	61.897/2.4369					
RACE SERIES 8B927H STD, 001, 010, 020		58.682/2.3103	61.877/2.4361	1.585/.0624	18.18/.716	F781	2106H UL	
		58.702/2.3111	61.897/2.4369					
CONROD								
8B927P STD, 010, 020, 030, 040		58.682/2.3103	61.880/2.4362	1.588/.0625	18.18/.716	F780	2106 IH	
		58.702/2.3111	61.897/2.4369					
MAINS								
5M1010A STD, 001, 010, 020, 030, 040	1,2,4,5	69.809/2.7484	74.719/2.9417	2.443/.0962	22.35/.880	F810	2107A UL	
		69.830/2.7492	74.740/2.9425					
	3	69.809/2.7484	74.719/2.9417	2.443/.0962	28.40/1.118	F810	2108A(F) UL	
		69.830/2.7492	74.740/2.9425					
RACE SERIES 5M1010H STD, 001, 010, 020	1,2,4,5	69.809/2.7484	74.719/2.9417	2.443/.0962	22.35/.880	F780	2107H UL	
		69.830/2.7492	74.740/2.9425					
	3	69.809/2.7484	74.719/2.9417	2.443/.0962	28.40/1.118	F780	2108H(F) UL	
		69.830/2.7492	74.740/2.9425					
RACE SERIES 5M1010HX STD	1,2,4,5	<i>0.001" extra oil clearance on STD journal.</i>		2.430/.0957	22.35/.880	F780	2107HX UL	
		69.830/2.7492	74.740/2.9425					
	3	69.809/2.7484	74.719/2.9417	2.430/.0957	28.40/1.118	F780	2108HX(F) UL	
		69.830/2.7492	74.740/2.9425					
MAINS								
5M1010P STD, 001, 010, 020, 030, 040	1,2,4,5	69.809/2.7484	74.719/2.9417	2.443/.0962	22.35/.880	F780	2107 UL	
		69.830/2.7492	74.740/2.9425					
	3	69.809/2.7484	74.719/2.9417	2.443/.0962	28.40/1.118	F780	2108(F) UL	
		69.830/2.7492	74.740/2.9425					
MAINS								
5M2109P 010, 020, 030, 040	1,2,4,5	<i>Is 0.010" overwidth flange version of 5M2107.</i>		2.443/.0962	22.35/.880	F780	2107 UL	
		69.830/2.7492	74.740/2.9425					
	3	69.809/2.7484	74.719/2.9417	2.557/.1007	28.65/1.128	F780	2109(F) UL	
		69.830/2.7492	74.740/2.9425					
CAMS								
5C5696 STD	1	<i>Was 5C710S.</i>		1.572/.0619	17.02/.670	F23	5696	
		53.950/2.1240	57.137/2.2495					
		53.975/2.1250	57.163/2.2505					
	2	52.464/2.0655	55.601/2.1890	1.544/.0608	17.02/.670	F23	5616	
		52.489/2.0665	55.626/2.1900					
		52.083/2.0505	55.220/2.1740	1.544/.0608	17.02/.670	F23	5617	
	3	52.108/2.0515	55.245/2.1750					
		51.702/2.0355	54.839/2.1590	1.544/.0608	17.02/.670	F23	5618	
		51.727/2.0365	54.864/2.1600					
	4	51.321/2.0205	54.458/2.1440	1.544/.0608	17.02/.670	F23	5619	
		51.346/2.0215	54.483/2.1450					
		51.346/2.0215	54.483/2.1450					



92 Engine		Year	Cyl	Bore x Stroke	92		
232ci (3.8L) V6 OHV 2v VIN Codes 3,4,C		01/1982 - 12/2004	V6	96.8mm x 86.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1283A STD, .25, .50, .75, 1.00		58.674/2.3100	61.636/2.4266	1.462/.0576	17.06/.672	F810	5200A
		58.699/2.3110	61.656/2.4274				IH
CONROD							
6B4500A STD, .25, .50, .75		58.682/2.3103	61.630/2.4264	1.460/.0575	19.90/.783	F810	4500A
		58.702/2.3111	61.648/2.4271				IH
MAINS							
<i>Supercedes 4M1561P.</i>							
4M7295A STD, .25, .50, .75	1,2,4	63.983/2.5190	68.890/2.7122	2.451/.0965	21.80/.858	F810	7294A
		64.003/2.5198	68.910/2.7130				L
	1,2,4	63.983/2.5190	68.890/2.7122	2.451/.0965	23.58/.928	F810	7294WA
		64.003/2.5198	68.910/2.7130				U
	3	63.983/2.5190	68.890/2.7122	2.446/.0963	29.62/1.166	F810	7295A(F)
		64.003/2.5198	68.910/2.7130				UL
CAMS							
<i>For 1982-1987 engines.</i>							
4C1197S STD	1,4	52.083/2.0505	55.664/2.1915	1.763/.0694	16.26/.640	F23	5260
		52.108/2.0515	55.690/2.1925				
	2,3	52.083/2.0505	55.283/2.1765	1.570/.0618	14.22/.560	F23	5261
		52.108/2.0515	55.308/2.1775				
CAMS							
<i>For 1988-2004 engines.</i>							
4C1447S STD	1,4	52.083/2.0505	55.664/2.1915	1.763/.0694	16.26/.640	F23	5258
		52.108/2.0515	55.687/2.1924				
	2,3	52.083/2.0505	55.664/2.1915	1.570/.0618	14.22/.560	F23	5259
		52.108/2.0515	55.687/2.1924				
BALANCE							
2B51445S STD	1,2					F23	1445

93 Engine		Year	Cyl	Bore x Stroke	93		
240ci (3.9L) Inline6 OHV 2v VIN Codes A,B,E,V		01/1965 - 12/1974	L6	4.00in x 3.18in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Was 6B2180.</i>							
6B699A STD, 010, 020, 030, 040		53.919/2.1228	57.785/2.2750	1.923/.0757	20.32/.800	F810	2180A
		53.939/2.1236	57.805/2.2758				IH
MAINS							
7M979A STD, 001, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.428/.0956	24.13/.950	F810	2185A
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	30.35/1.195	F810	2187A(F)
		60.935/2.3990	65.811/2.5910				UL
MAINS							
<i>Was 7M2185.</i>							
7M979P STD, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.428/.0956	24.13/.950	F780	2185
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	30.35/1.195	F780	2187(F)
		60.935/2.3990	65.811/2.5910				UL
CAMS							
<i>Alternate set to 4C567S with OD groove.</i>							
4C567BS STD	1,2,3,4	51.232/2.0170	54.458/2.1440	1.580/.0622	21.97/.865	F23	2246
		51.257/2.0180	54.483/2.1450				
CAMS							
4C567S STD	1,2,3,4	51.232/2.0170	54.458/2.1440	1.580/.0622	22.00/.866	F23	2247
		51.257/2.0180	54.483/2.1450				



94 Engine		Year	Cyl	Bore x Stroke	94		
2495cc 2603E/3008E V6 OHV 2v		01/1966 - 12/1972	V6	3.69in x 2.38in			
2994cc 3012E/3022E V6 OHV 2v		01/1966 - 12/1981	V6	93.6mm x 72.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1641A STD, 010, 020, 030, 040, 050,		60.353/2.3761	64.033/2.5210	1.821/.0717	17.90/.705	F810	1641A
		60.373/2.3769	64.046/2.5215				IH
MAINS							
4M1642A STD, 010, 020, 030, 040, 050,	1,2,3,4	63.525/2.5010	67.701/2.6654	2.078/.0818	20.95/.825	F820	1642AL
		63.536/2.5014	67.721/2.6662				UL
MAINS <i>+.015" oversize OD version of 4M1642.</i>							
4M1642A+015 STD, 010, 020, 030, 040		63.525/2.5010	68.082/2.6804	2.268/.0893	20.95/.825	F820	1642AL+015
		63.536/2.5014	68.102/2.6812				UL
THRUST							
2T1642 STD, 005		68.960/2.7150	85.600/3.3701		2.36/.093	F250	1642T
		69.210/2.7248	85.850/3.3799				UL
CAMS							
4C5799 STD	1	47.592/1.8737	51.816/2.0400	2.090/.0823	22.61/.890	F23	5796
		47.612/1.8745	51.857/2.0416				
	2	46.068/1.8137	50.292/1.9800	2.090/.0823	28.19/1.110	F23	5797
		46.088/1.8145	50.333/1.9816				
	3	44.544/1.7537	48.768/1.9200	2.090/.0823	28.19/1.110	F23	5798
		44.564/1.7545	48.809/1.9216				
	4	44.163/1.7387	48.387/1.9050	2.090/.0823	22.60/.890	F23	5799
		44.183/1.7395	48.428/1.9066				
95 Engine							
250ci Non X Flow Inline6 OHV 2v		01/1970 - 12/1978	L6	3.68in x 3.91in	95		
4.0L (243ci) EB-ED (Australia) Inline6 SOHC 2v		04/1992 - 03/1995	L6	91.9mm x 99.3mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Was 6B583A</i>							
6B2150A STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F810	2150A
		53.945/2.1238	56.891/2.2398				IH
CONROD							
RACE SERIES 6B2150H STD, 001, 010, 020		53.934/2.1234	56.871/2.2390	1.455/.0573	20.57/.810	F781	2150H
		53.945/2.1238	56.891/2.2398				IH
CONROD <i>0.001" extra oil clearance on STD journal.</i>							
RACE SERIES 6B2150HX STD		53.934/2.1234	56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX
		53.945/2.1238	56.891/2.2398				IH
CONROD							
6B2150P STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150
		53.945/2.1238	56.891/2.2398				IH
MAINS							
RACE SERIES 7M2158H STD, 001, 010, 020	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.423/.0954	25.90/1.020	F780	2158H
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.423/.0954	32.28/1.271	F780	2159H(F)
		60.935/2.3990	65.811/2.5910				UL
MAINS <i>0.001" extra oil clearance on STD journal.</i>							
RACE SERIES 7M2158HX STD	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.410/.0949	25.90/1.020	F780	2158HX
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.410/.0949	32.28/1.271	F780	2159HX(F)
		60.935/2.3990	65.811/2.5910				UL
MAINS							
7M2158P STD, 001, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.426/.0955	25.90/1.020	F780	2158
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	32.28/1.271	F780	2159(F)
		60.935/2.3990	65.811/2.5910				UL



96 Engine		Year		Cyl	Bore x Stroke	96	
3611cc E1ADDN-B Inline4 OHV 2v Diesel		01/1951 - 12/1965		L4	3.94in x 4.53in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2100A STD, 010, 020, 030, 040, 050,		63.492/2.4997	67.208/2.6460	1.824/.0718	34.03/1.340	F820	2100AL
		63.505/2.5002	67.221/2.6465				IH
5M2104A STD, 010, 020, 030, 040, 050,	MAINS						
	1,2,4	76.205/3.0002	80.429/3.1665	2.078/.0818	26.67/1.050	F820	2104AL
		76.218/3.0007	80.442/3.1670				IH
	3,5	76.205/3.0002	80.429/3.1665	2.078/.0818	36.20/1.425	F820	2105AL
		76.218/3.0007	80.442/3.1670				IH
2T2102 STD, 0025, 005, 0075	THRUST						
		84.200/3.3150	98.750/3.8878		2.36/.093	F250	2102T
		84.450/3.3248	99.000/3.8976				UL
5C5757 STD	CAMS						
		52.311/2.0595	55.575/2.1880	1.613/.0635	24.13/.950	F23	5757
		52.324/2.0600	55.601/2.1890				
		52.311/2.0595	55.575/2.1880	1.613/.0635	26.80/1.055	F23	5756
		52.324/2.0600	55.601/2.1890				
RB792	PISTON PIN BUSH						
		34.917/1.3747	38.113/1.5005	1.730/.0681	36.44/1.435	F100	RB792
		34.925/1.3750	38.164/1.5025				

97 Engine		Year		Cyl	Bore x Stroke	97	
4.1L (250ci) X Flow Alloy Head (Aust) Inline6 OHV 2v		06/1980 - 10/1986		L6	3.68in x 3.91in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2150A STD, 001, 010, 020, 030, 040		<i>Was 6B583A</i>		1.458/.0574	20.57/.810	F810	2150A
		53.934/2.1234	56.871/2.2390				IH
		53.945/2.1238	56.891/2.2398				
RACE SERIES	CONROD						
6B2150H STD, 001, 010, 020		53.934/2.1234	56.871/2.2390	1.455/.0573	20.57/.810	F781	2150H
		53.945/2.1238	56.891/2.2398				IH
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
6B2150HX STD		53.934/2.1234	56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX
		53.945/2.1238	56.891/2.2398				IH
6B2150P STD, 001, 010, 020, 030, 040	CONROD						
		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150
		53.945/2.1238	56.891/2.2398				IH
RACE SERIES	MAINS						
7M2158H STD, 001, 010, 020	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.423/.0954	25.90/1.020	F780	2158H
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.423/.0954	32.28/1.271	F780	2159H(F)
		60.935/2.3990	65.811/2.5910				UL
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
7M2158HX STD	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.410/.0949	25.90/1.020	F780	2158HX
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.410/.0949	32.28/1.271	F780	2159HX(F)
		60.935/2.3990	65.811/2.5910				UL
RACE SERIES	MAINS						
7M2158P STD, 001, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.426/.0955	25.90/1.020	F780	2158
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	32.28/1.271	F780	2159(F)
		60.935/2.3990	65.811/2.5910				UL
RACE SERIES	MAINS	<i>US250 or UPK stamped on block at rear of coil.</i>					
7M2188P STD, 010, 020, 030	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.426/.0955	24.64/.970	F780	2188
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	30.35/1.195	F780	2187(F)
		60.935/2.3990	65.811/2.5910				UL



97 Continued ...							97		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
CAMS <i>Was 4C703S. #4 position cam (5746) - bleeder groove to face inwards</i>									
4C5826 STD	1	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5826		
	2	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827		
	3	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828		
	4	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790	2.116/.0833	18.54/.730	F23	5746		
	98 Engine Year Cyl Bore x Stroke 98								
	4.1L (250ci) X Flow Cast Iron Head (Aust) Inline6 OHV 2v				10/1974 - 12/1983	L6	3.68in x 3.91in		
	Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	CONROD <i>Was 6B583A</i>								
6B2150A STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F810	2150A IH		
	RACE SERIES								
6B2150H STD, 001, 010, 020		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH		
	RACE SERIES								
6B2150HX STD		<i>0.001" extra oil clearance on STD journal.</i>		53.934/2.1234 53.945/2.1238	56.891/2.2398 56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH
	CONROD								
6B2150P STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F780	2150 IH		
	RACE SERIES								
7M2158H STD, 001, 010, 020	1,2,3,4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.423/.0954	25.90/1.020	F780	2158H UL		
	5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.423/.0954	32.28/1.271	F780	2159H(F) UL		
	RACE SERIES								
	7M2158HX STD	1,2,3,4,6,7	<i>0.001" extra oil clearance on STD journal.</i>		60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.410/.0949	25.90/1.020	F780
5		60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.410/.0949	32.28/1.271	F780	2159HX(F) UL		
MAINS									
7M2158P STD, 001, 010, 020, 030, 040		1,2,3,4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	25.90/1.020	F780	2158 UL	
	5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	32.28/1.271	F780	2159(F) UL		
	MAINS <i>US250 or UPK stamped on block at rear of coil.</i>								
	7M2188P STD, 010, 020, 030	1,2,3,4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	24.64/.970	F780	2188 UL	
5		60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	30.35/1.195	F780	2187(F) UL		
CAMS									
4C5768 STD	1,4	45.961/1.8095 45.987/1.8105	49.479/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5768		
	2,3	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5826		
	CAMS <i>Part number 5829 has two oil holes.</i>								
4C5829 STD	1	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5826		
	2	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827		
	3	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828		
	4	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790	2.116/.0833	18.54/.730	F23	5829		



99 Engine				Year	Cyl	Bore x Stroke	99
401ci Inline6 OHV 2v Turbo Diesel				01/1969 - On	L6	4.40in x 4.40in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1120P STD, 010, 020, 030, 040		69.840/2.7496	74.706/2.9412	2.400/.0945	35.81/1.410	F780	1120 IH
		69.860/2.7504	74.727/2.9420				
MAINS							
7M1122A STD, 010, 020, 030	1-3,5,6,7	85.634/3.3714	92.055/3.6242	3.176/.1250	28.19/1.110	F810	1122A UL
		85.654/3.3722	92.075/3.6250				
	4	85.634/3.3714	92.055/3.6242	3.176/.1250	36.96/1.455	F810	1123A(F) UL
		85.654/3.3722	92.075/3.6250				
CAMS							
5C5806 STD	1 TO 5	60.693/2.3895	64.364/2.5340	1.816/.0715	19.55/.770	F23	5806
		60.719/2.3905	64.890/2.5547				

100 Engine				Year	Cyl	Bore x Stroke	100
300ci (4.9L) Inline6 OHV 2v VIN Code 9,B,E,K,Y				01/1965 - 12/1996	L6	4.00in x 3.98in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Was 6B2180.</i>							
6B699A STD, 010, 020, 030, 040		53.919/2.1228	57.785/2.2750	1.923/.0757	20.32/.800	F810	2180A IH
		53.939/2.1236	57.805/2.2758				
MAINS							
7M979A STD, 001, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.428/.0956	24.13/.950	F810	2185A UL
		60.935/2.3990	65.811/2.5910				
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	30.35/1.195	F810	2187A(F) UL
		60.935/2.3990	65.811/2.5910				
MAINS							
<i>Was 7M2185.</i>							
7M979P STD, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.428/.0956	24.13/.950	F780	2185 UL
		60.935/2.3990	65.811/2.5910				
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	30.35/1.195	F780	2187(F) UL
		60.935/2.3990	65.811/2.5910				
CAMS							
<i>Alternate set to 4C1254S with OD groove.</i>							
4C1254BS STD	1,4	51.232/2.0170	54.839/2.1590	1.770/.0697	22.00/.866	F23	2245
		51.257/2.0180	54.864/2.1600				
	2,3	51.232/2.0170	54.458/2.1440				
	51.257/2.0180	54.483/2.1450					
CAMS							
4C1254S STD	1,4	51.232/2.0170	54.839/2.1590	1.770/.0697	22.00/.866	F23	2248
		51.257/2.0180	54.864/2.1600				
	2,3	51.232/2.0170	54.458/2.1440				
	51.257/2.0180	54.483/2.1450					
CAMS							
<i>Alternate set to 4C567S with OD groove.</i>							
4C567BS STD	1,2,3,4	51.232/2.0170	54.458/2.1440	1.580/.0622	21.97/.865	F23	2246
		51.257/2.0180	54.483/2.1450				
CAMS							
4C567S STD	1,2,3,4	51.232/2.0170	54.458/2.1440	1.580/.0622	22.00/.866	F23	2247
		51.257/2.0180	54.483/2.1450				

101 Engine				Year	Cyl	Bore x Stroke	101
370ci (6.1L) V8 OHV 2v				01/1979 - 12/1991	V8	4.05in x 3.59in	
429ci (7.0L) V8 OHV 2v				01/1968 - 12/1998	V8	4.36in x 3.59in	
460ci (7.5L) V8 OHV 2v				01/1968 - 12/1997	V8	4.36in x 3.85in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B818A STD, 010, 020, 030, 040		63.480/2.4992	67.366/2.6522	1.927/.0759	22.00/.866	F810	5210A IH
		63.500/2.5000	67.386/2.6530				



101 Continued ...							101
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 8B818H STD, 001, 010	CONROD	63.480/2.4992 63.500/2.5000	67.366/2.6522 67.386/2.6530	1.925/.0758	22.00/.866	F781	5210H UL
8B818P STD, 10, 20, 30, 40	CONROD	63.480/2.4992 63.500/2.5000	67.366/2.6522 67.386/2.6530	1.927/.0759	22.00/.866	F780	5210 IH
5M1039A STD, 001, 010	MAINS 1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/.0957	24.13/.950	F810	5212A UL
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/.0957	28.45/1.120	F810	5214A(F) IH
RACE SERIES 5M1039H STD, 001, 010	MAINS 1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.436/.0959	24.13/.950	F780	5212H UL
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.436/.0959	28.45/1.120	F780	5214H(F) IH
RACE SERIES 5M1039HX STD	MAINS 1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.423/.0954	24.13/.950	F780	5212HX UL
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.423/.0954	28.45/1.120	F780	5214HX(F) IH
5M1039P STD, 010, 020, 030, 040	MAINS 1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/.0957	24.13/.950	F780	5212 UL
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/.0957	28.45/1.120	F780	5214(F) IH
5C1111S STD, 010	CAMS 1,2,3,4,5	53.945/2.1238 53.970/2.1248	57.137/2.2495 57.163/2.2505	1.572/.0619	15.25/.600	F23	5257

102 Engine		Year	Cyl	Bore x Stroke	102		
4.0L (243ci) AU-AUIII Intech (Australia) Inline6 SOHC 2v		09/1998 - 07/2003	L6	92.0mm x 96.3mm			
4.0L (243ci) Barra (Australia) Inline6 DOHC 4v		10/2002 - On	L6	92.3mm x 99.3mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2150A STD, 001, 010, 020, 030, 040	CONROD	<i>Was 6B583A</i>		1.458/.0574	20.57/.810	F810	2150A IH
RACE SERIES 6B2150H STD, 001, 010, 020	CONROD	53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH
RACE SERIES 6B2150HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.442/.0568	20.57/.810	F781	2150HX IH
6B2150P STD, 001, 010, 020, 030, 040	CONROD	53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F780	2150 IH
RACE SERIES 7M2092H STD, 001, 010, 020	MAINS 1,2,3,4,5,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.999/.0787	20.90/.823	F780	2092H L
	1,2,3,4,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.999/.0787	20.90/.823	F780	2092H U
	5	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.999/.0787	27.28/1.074	F780	2093H(F) U
RACE SERIES 7M2092HX STD	MAINS 1,2,3,4,5,6,7	<i>0.001" extra oil clearance on STD journal.</i>		1.986/.0782	20.90/.823	F780	2092HX L
	1,2,3,4,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.986/.0782	20.90/.823	F780	2092HXU U

102 Continued ...							102
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
7M2092HX STD	5	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.986/.0782	27.28/1.074	F780	2093HX(F) U
MAINS							
7M2092P STD, 001, 010, 020, 030, 040	1,2,3,4,5,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	2.001/.0788	20.90/.823	F780	2092 L
	1,2,3,4,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	2.001/.0788	20.90/.823	F780	2092 U
	5	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	2.001/.0788	27.28/1.074	F780	2093(F) U

103 Engine				Year	Cyl	Bore x Stroke	103
4888cc 589E Inline6 OHV 2v				01/1956 - 12/1965	L6	95.0mm x 115.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2100 STD, 010, 020, 030, 040, 050,		63.492/2.4997 63.505/2.5002	67.208/2.6460 67.221/2.6465	1.824/.0718	34.03/1.340	F820	2100AL IH
	MAINS						
7M2104A STD, 010, 020, 030, 040, 050,	1,2,3,5,6	76.205/3.0002 76.218/3.0007	80.429/3.1665 80.442/3.1670	2.078/.0818	26.67/1.050	F820	2104AL IH
	4,7	76.205/3.0002 76.218/3.0007	80.429/3.1665 80.442/3.1670	2.078/.0818	36.20/1.425	F820	2105AL IH
	THRUST						
2T2102 STD, 0025, 005, 0075		84.200/3.3150 84.450/3.3248	98.750/3.8878 99.000/3.8976		2.36/.093	F250	2102T UL
	CAMS						
7C5757 STD, 010	1	52.311/2.0595 52.324/2.0600	55.575/2.1880 55.601/2.1890	1.613/.0635	26.80/1.055	F23	5756
	2-7	52.311/2.0595 52.324/2.0600	55.575/2.1880 55.601/2.1890	1.613/.0635	24.13/.950	F23	5757

104 Engine				Year	Cyl	Bore x Stroke	104
5416cc 590E Inline6 OHV 2v Diesel				01/1955 - 12/1965	L6	100.0mm x 115.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2100 STD, 010, 020, 030, 040, 050,		63.492/2.4997 63.505/2.5002	67.208/2.6460 67.221/2.6465	1.824/.0718	34.03/1.340	F820	2100AL IH
	MAINS						
7M2104A STD, 010, 020, 030, 040, 050,	1,2,3,5,6	76.205/3.0002 76.218/3.0007	80.429/3.1665 80.442/3.1670	2.078/.0818	26.67/1.050	F820	2104AL IH
	4,7	76.205/3.0002 76.218/3.0007	80.429/3.1665 80.442/3.1670	2.078/.0818	36.20/1.425	F820	2105AL IH
	THRUST						
2T2102 STD, 0025, 005, 0075		84.200/3.3150 84.450/3.3248	98.750/3.8878 99.000/3.8976		2.36/.093	F250	2102T UL
	CAMS						
7C5757 STD, 010	1	52.311/2.0595 52.324/2.0600	55.575/2.1880 55.601/2.1890	1.613/.0635	26.80/1.055	F23	5756
	2-7	52.311/2.0595 52.324/2.0600	55.575/2.1880 55.601/2.1890	1.613/.0635	24.13/.950	F23	5757
	PISTON PIN BUSH						
RB792		34.917/1.3747 34.925/1.3750	38.113/1.5005 38.164/1.5025	1.730/.0681	36.44/1.435	F100	RB792



105 Engine		Year	Cyl	Bore x Stroke	105		
1294cc JAC TL13 Inline4 SOHC 2v		01/1970 - 12/1982	L4	79.0mm x 66.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2166A STD, .25, .50, .75, 1.00, 1.50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.10/.791	F810	2166A
		52.000/2.0472	55.020/2.1661				IH
RACE SERIES							
4B2166H STD, .25, .50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.12/.792	F781	2166H
		52.000/2.0472	55.020/2.1661				IH
RACE SERIES							
4B2166HX STD		<i>0.001" extra oil clearance on STD journal.</i>		51.990/2.0468	55.000/2.1654	1.483/.0584	20.12/.792
		52.000/2.0472	55.020/2.1661			F781	2166HX
MAINS							
5M2167A STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F810	2167A
		57.000/2.2441	60.640/2.3874				IH
RACE SERIES							
5M2167H STD, .25, .50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.803/.0710	23.75/.935	F780	2167H
		57.000/2.2441	60.640/2.3874				UL
RACE SERIES							
5M2167HX STD	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		56.990/2.2437	60.620/2.3866	1.790/.0705	23.75/.935
		57.000/2.2441	60.640/2.3874			F780	2167HX
MAINS							
5M2167P STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F780	2167
		57.000/2.2441	60.640/2.3874				IH
THRUST							
2T2167 STD, 005		<i>Was 2T2185.</i>		63.600/2.5039	80.240/3.1590	2.35/.093	F250
		63.850/2.5138	80.490/3.1689				2167T
UL							
106 Engine							
360ci Inline6 OHV 2v Turbo Diesel		01/1968 - 12/1981	L6	4.13in x 4.52in	106		
380ci 2715E Inline6 OHV 2v Diesel		01/1965 - 12/1982	L6	4.22in x 4.52in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1860 STD, 010, 020, 030, 040, 050,		<i>Contains upper & lower shells. Oil hole in upper.</i>					
		66.655/2.6242	70.878/2.7905	2.084/.0820	34.03/1.340	F820	1860AL
		66.675/2.6250	70.891/2.7910				U
		66.655/2.6242	70.878/2.7905	2.084/.0820	34.03/1.340	F810	1861A
66.675/2.6250	70.891/2.7910				IH		
CONROD							
6B1861 STD, 010, 020, 030, 040, 050,		<i>Contains plain identical halves.</i>					
		66.655/2.6242	70.878/2.7905	2.084/.0820	34.03/1.340	F810	1861A
66.675/2.6250	70.891/2.7910				IH		
MAINS							
7M1864 STD, 010, 020, 030, 040, 050,	1,2,3,5,6	76.205/3.0002	80.429/3.1665	2.078/.0818	26.67/1.050	F810	1862A
		76.225/3.0010	80.442/3.1670				UL
	4,7	76.205/3.0002	80.429/3.1665	2.078/.0818	36.19/1.425	F810	1864A
		76.225/3.0010	80.442/3.1670				UL
THRUST							
2T2102 STD, 0025, 005, 0075		84.200/3.3150	98.750/3.8878		2.36/.093	F250	2102T
		84.450/3.3248	99.000/3.8976				UL
CAMS							
6DC1866 STD	1	55.486/2.1845	58.750/2.3130	1.613/.0635	26.16/1.030	F250	1866
		55.499/2.1850	58.775/2.3140				
	2 TO 6	55.486/2.1845	58.750/2.3130	1.613/.0635	24.15/.951	F23	5758
55.499/2.1850	58.775/2.3140						
PISTON PIN BUSH							
RB4043 UNB		36.502/1.4371	39.700/1.5630	1.750/.0689	37.59/1.480	F100	RB4043
		36.510/1.4374	39.751/1.5650				

107 Engine				Year	Cyl	Bore x Stroke	107
182ci (3.0L) (Vulcan) V6 OHV 2v VIN Codes 1,2,U,V				01/1986 - 12/2008	V6	89.0mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1385A STD, .25, .50, .75, 1.00	CONROD	53.983/2.1253	57.150/2.2500	1.567/.0617	19.25/.758	F810	5230A
		54.003/2.1261	57.170/2.2508				IH
4M1702A STD, .25, .50, .75	MAINS	63.983/2.5190	68.885/2.7120	2.435/.0959	18.69/.736	F810	5232A
		64.003/2.5198	68.903/2.7127				UL
		63.983/2.5190	68.885/2.7120	2.435/.0959	25.65/1.010	F810	5233A(F)
		64.003/2.5198	68.903/2.7127				UL
4C048AS STD	CAMS	51.000/2.0079	54.676/2.1526	1.830/.0720	24.38/.960	F23	7350
		51.020/2.0087	54.727/2.1546				
		51.000/2.0079	54.176/2.1329	1.570/.0618	13.77/.542	F23	7351
		51.020/2.0087	54.226/2.1349				
		51.000/2.0079	54.676/2.1526	1.830/.0720	13.77/.542	F23	7352
		51.020/2.0087	54.727/2.1546				

108 Engine				Year	Cyl	Bore x Stroke	108
365ci Parent Block 2713E Inline6 OHV 2v Diesel 5409cc 2708E, 2703E Inline6 Diesel OHV 2v				01/1965 - 12/1981 01/1965 - 12/1978	L6 L6	4.13in x 4.52in 3.94in x 4.53in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2100 STD, 010, 020, 030, 040, 050,	CONROD	63.492/2.4997	67.208/2.6460	1.824/.0718	34.03/1.340	F820	2100AL
		63.505/2.5002	67.221/2.6465				IH
7M1864 STD, 010, 020, 030, 040, 050,	MAINS	76.205/3.0002	80.429/3.1665	2.078/.0818	26.67/1.050	F810	1862A
		76.225/3.0010	80.442/3.1670				UL
		76.205/3.0002	80.429/3.1665	2.078/.0818	36.19/1.425	F810	1864A
		76.225/3.0010	80.442/3.1670				UL
2T2102 STD, 0025, 005, 0075	THRUST	84.200/3.3150	98.750/3.8878		2.36/.093	F250	2102T
		84.450/3.3248	99.000/3.8976				UL
6DC1866 STD	CAMS	55.486/2.1845	58.750/2.3130	1.613/.0635	26.16/1.030	F250	1866
		55.499/2.1850	58.775/2.3140				
		55.486/2.1845	58.750/2.3130	1.613/.0635	24.15/.951	F23	5758
		55.499/2.1850	58.775/2.3140				
RB792	PISTON PIN BUSH	34.917/1.3747	38.113/1.5005	1.730/.0681	36.44/1.435	F100	RB792
		34.925/1.3750	38.164/1.5025				

109 Engine				Year	Cyl	Bore x Stroke	109
351ci (5.8L) Cleveland V8 OHV 2v				06/1969 - 12/1982	V8	4.00in x 3.50in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 8B1227H STD, 001, 010	CONROD	<i>18.11mm wide. To suit Chev rods (used for Stroker engines).</i>					
		53.315/2.0990	56.507/2.2247	1.575/.0620	18.00/.709	F781	7110H
		53.340/2.1000	56.520/2.2252				IH
RACE SERIES 8B1227HX STD	CONROD	<i>18.11mm wide. To suit Chev rods (used for Stroker engines).</i>					
		53.315/2.0990	56.507/2.2247	1.562/.0615	18.00/.709	F781	7110HX
		53.340/2.1000	56.520/2.2252				IH
8B927A STD, 010, 020, 030, 040	CONROD	58.682/2.3103	61.880/2.4362	1.588/.0625	18.18/.716	F810	2106A
		58.702/2.3111	61.897/2.4369				IH



109		Continued ...						109	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
RACE SERIES 8B927H STD, 001, 010, 020	CONROD	58.682/2.3103 58.702/2.3111	61.877/2.4361 61.897/2.4369	1.585/.0624	18.18/.716	F781	2106H UL		
8B927P STD, 010, 020, 030, 040	CONROD	58.682/2.3103 58.702/2.3111	61.880/2.4362 61.897/2.4369	1.588/.0625	18.18/.716	F780	2106 IH		
5M1010A STD, 001, 010, 020, 030, 040	MAINS 1,2,4,5	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/.0962	22.35/.880	F810	2107A UL		
	3	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/.0962	28.40/1.118	F810	2108A(F) UL		
RACE SERIES 5M1010H STD, 001, 010, 020	MAINS 1,2,4,5	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/.0962	22.35/.880	F780	2107H UL		
	3	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/.0962	28.40/1.118	F780	2108H(F) UL		
RACE SERIES 5M1010HX STD	MAINS 1,2,4,5	<i>0.001" extra oil clearance on STD journal.</i>		2.430/.0957	22.35/.880	F780	2107HX UL		
	3	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.430/.0957	28.40/1.118	F780	2108HX(F) UL		
5M1010P STD, 001, 010, 020, 030, 040	MAINS 1,2,4,5	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/.0962	22.35/.880	F780	2107 UL		
	3	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/.0962	28.40/1.118	F780	2108(F) UL		
5M2109P 010, 020, 030, 040	MAINS 1,2,4,5	<i>Is 0.010" overwidth flange version of 5M2107.</i>		2.443/.0962	22.35/.880	F780	2107 UL		
	3	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.557/.1007	28.65/1.128	F780	2109(F) UL		
5C5696 STD	CAMS 1	<i>Was 5C710S.</i>		1.572/.0619	17.02/.670	F23	5696		
	2	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.544/.0608	17.02/.670	F23	5616		
	3	52.464/2.0655 52.489/2.0665	55.601/2.1890 55.626/2.1900	1.544/.0608	17.02/.670	F23	5617		
	4	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.544/.0608	17.02/.670	F23	5618		
	5	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.544/.0608	17.02/.670	F23	5619		
		51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450						

110		Engine			Year	Cyl	Bore x Stroke	110	
351ci (5.8L) Windsor V8 OHV 2v					01/1969 - 12/1997	V8	4.00in x 3.50in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
8B831A STD, 010, 020, 030	CONROD	58.682/2.3103 58.702/2.3111	61.633/2.4265 61.653/2.4273	1.465/.0577	18.18/.716	F809	2176A IH		
8B831P STD, 010, 020, 030, 040	CONROD	58.682/2.3103 58.702/2.3111	61.633/2.4265 61.653/2.4273	1.465/.0577	18.18/.716	F780	2176 IH		
5M1432A STD, 10, 20, 30, 40	MAINS 1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	21.26/.837	F810	2177A U		
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	21.26/.837	F810	5207A L		
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	28.78/1.133	F810	5209A(F) L		



110 Continued ... 110

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1432A STD, 10, 20, 30, 40	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	28.78/1.133	F810	2178A(F) U
RACE SERIES	MAINS						
5M1432H STD, 001, 010	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	21.26/.837	F780	5207H L
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	21.26/.837	F780	2177H U
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	28.78/1.133	F780	2178H(F) U
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	28.78/1.133	F780	5209H(F) L
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
5M1432HX STD	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.417/.0952	21.26/.837	F780	2177HX U
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.417/.0952	21.26/.837	F780	5207HX L
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.417/.0952	28.78/1.133	F780	5209HX(F) L
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.417/.0952	28.78/1.133	F780	2178HX(F) U
5M981A STD, 010, 020, 030, 040	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	21.26/.837	F810	2177A IH
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	28.78/1.133	F810	2178A(F) IH
5C5616 STD	CAMS	<i>Was 5C510S.</i>					
	1	52.845/2.0805 52.870/2.0815	55.982/2.2040 56.070/2.2075	1.544/.0608	17.02/.670	F23	5610
	2	52.464/2.0655 52.489/2.0665	55.601/2.1890 55.626/2.1900	1.544/.0608	17.02/.670	F23	5616
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.544/.0608	17.02/.670	F23	5617
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.544/.0608	17.02/.670	F23	5618
	5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.544/.0608	17.02/.670	F23	5619
RACE SERIES	CAMS						
5C5616C STD	1	52.845/2.0805 52.870/2.0815	55.982/2.2040 56.070/2.2075	1.544/.0608	17.02/.670	F830	5610C
	2	52.464/2.0655 52.489/2.0665	55.601/2.1890 55.626/2.1900	1.544/.0608	17.02/.670	F830	5616C
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.544/.0608	17.02/.670	F830	5617C
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.544/.0608	17.02/.670	F830	5618C
	5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.544/.0608	17.02/.670	F830	5619C

111 Engine 111
4.0L (243ci) EF-EL (Australia) Inline6 SOHC 2v **Year** 09/1994 - 12/1998 **Cyl** L6 **Bore x Stroke** 92.0mm x 96.3mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2150A STD, 001, 010, 020, 030, 040	CONROD	<i>Was 6B583A</i>					
		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F810	2150A IH
RACE SERIES	CONROD						
6B2150H STD, 001, 010, 020		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH



111 Continued ...								111
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES 6B2150HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>						
		53.934/2.1234	56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH	
		53.945/2.1238	56.891/2.2398					
6B2150P STD, 001, 010, 020, 030, 040	CONROD	53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150 IH	
		53.945/2.1238	56.891/2.2398					
RACE SERIES 7M2092H STD, 001, 010, 020	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
	1,2,3,4,5,6,7	67.481/2.6567	71.517/2.8156	1.999/.0787	20.90/.823	F780	2092H L	
		67.505/2.6577	71.541/2.8166					
	1,2,3,4,6,7	67.481/2.6567	71.517/2.8156	1.999/.0787	20.90/.823	F780	2092H U	
		67.505/2.6577	71.541/2.8166					
	5	67.481/2.6567	71.517/2.8156	1.999/.0787	27.28/1.074	F780	2093H(F) U	
		67.505/2.6577	71.541/2.8166					
RACE SERIES 7M2092HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
	1,2,3,4,5,6,7	67.481/2.6567	71.517/2.8156	1.986/.0782	20.90/.823	F780	2092HX L	
		67.505/2.6577	71.541/2.8166					
	1,2,3,4,6,7	67.481/2.6567	71.517/2.8156	1.986/.0782	20.90/.823	F780	2092HXU U	
		67.505/2.6577	71.541/2.8166					
	5	67.481/2.6567	71.517/2.8156	1.986/.0782	27.28/1.074	F780	2093H(F) U	
		67.505/2.6577	71.541/2.8166					
7M2092P STD, 001, 010, 020, 030, 040	MAINS	<i>From Block # VR-2A-6010-AA.</i>						
	1,2,3,4,5,6,7	67.481/2.6567	71.517/2.8156	2.001/.0788	20.90/.823	F780	2092 L	
		67.505/2.6577	71.541/2.8166					
	1,2,3,4,6,7	67.481/2.6567	71.517/2.8156	2.001/.0788	20.90/.823	F780	2092 U	
		67.505/2.6577	71.541/2.8166					
	5	67.481/2.6567	71.517/2.8156	2.001/.0788	27.28/1.074	F780	2093(F) U	
		67.505/2.6577	71.541/2.8166					
RACE SERIES 7M2158H STD, 001, 010, 020	MAINS	60.914/2.3982	65.791/2.5902	2.423/.0954	25.90/1.020	F780	2158H UL	
	1,2,3,4,6,7	60.935/2.3990	65.811/2.5910					
	5	60.914/2.3982	65.791/2.5902	2.423/.0954	32.28/1.271	F780	2159H(F) UL	
		60.935/2.3990	65.811/2.5910					
RACE SERIES 7M2158HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.410/.0949	25.90/1.020	F780	2158HX UL	
		60.935/2.3990	65.811/2.5910					
	5	60.914/2.3982	65.791/2.5902	2.410/.0949	32.28/1.271	F780	2159HX(F) UL	
		60.935/2.3990	65.811/2.5910					
7M2158P STD, 001, 010, 020, 030, 040	MAINS	60.914/2.3982	65.791/2.5902	2.426/.0955	25.90/1.020	F780	2158 UL	
	1,2,3,4,6,7	60.935/2.3990	65.811/2.5910					
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	32.28/1.271	F780	2159(F) UL	
		60.935/2.3990	65.811/2.5910					

112 Engine		Year		Cyl	Bore x Stroke	112	
1.9L VIN 9/J Inline4 SOHC 2v		01/1985 - 12/1996		L4	3.23in x 3.46in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1276A STD, 010, 020, 030	CONROD	47.889/1.8854	50.889/2.0035	1.487/.0585	19.35/.762	F810	5226A IH
		47.909/1.8862	50.909/2.0043				
4B1380A STD, .25, .50	CONROD	43.888/1.7279	46.888/1.8460	1.488/.0586	19.50/.768	F810	5231A IH
		43.909/1.7287	46.909/1.8468				
5M1706A STD, .25, .50, .75	MAINS	57.980/2.2827	62.286/2.4522	2.128/.0838	21.45/.845	F810	5235A L
	1,2,3,4,5	58.000/2.2835	62.300/2.4528				
	1,2,4,5	57.980/2.2827	62.286/2.4522	2.128/.0838	22.45/.884	F810	5236A U
		58.000/2.2835	62.300/2.4528				
	3	57.980/2.2827	62.286/2.4522	2.128/.0838	28.73/1.131	F810	5237A(F) U
		58.000/2.2835	62.300/2.4528				



113 Engine				Year	Cyl	Bore x Stroke	113
122ci (2.0L) Pinto Inline4 SOHC 2v VIN Code X				01/1971 - 12/1974	L4	3.58in x 3.03in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B943A STD, .25, .50, .75, 1.00		51.990/2.0468	55.000/2.1654	1.496/.0589	20.00/.787	F810	5220A IH
		52.000/2.0472	55.020/2.1661				
MAINS <i>Full groove set.</i>							
5M1084A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.980/2.2433	60.620/2.3866	1.810/.0713	23.56/.928	F810	5221A IH
		57.000/2.2441	60.640/2.3874				
MAINS <i>Half groove set.</i>							
5M5466A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.980/2.2433	60.620/2.3866	1.810/.0713	23.56/.928	F810	5221A UL
		57.000/2.2441	60.640/2.3874				
THRUST <i>Was 2T2185.</i>							
2T2167 STD, .005		63.600/2.5039	80.240/3.1590		2.35/.093	F250	2167T UL
		63.850/2.5138	80.490/3.1689				
CAMS							
3C5816 STD	1	41.996/1.6534	45.072/1.7745	1.511/.0595	20.24/.797	F23	5816
		42.012/1.6540	45.103/1.7757				
		44.615/1.7565	47.691/1.8776				
		44.630/1.7571	47.721/1.8788				
	2	44.955/1.7699	48.072/1.8926	1.511/.0595	17.27/.680	F23	5817
		45.011/1.7721	48.102/1.8938				
AUX							
1C1094S STD		41.953/1.6517	45.072/1.7745	1.571/.0619	12.95/.510	F23	7340
		41.978/1.6527	45.099/1.7755				

114 Engine				Year	Cyl	Bore x Stroke	114
140ci (2.3L) HSC Inline4 OHV 2v				01/1984 - 12/1994	L4	3.78in x 3.13in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B1383A STD, 010, 020, 030		53.929/2.1232	56.871/2.2390	1.458/.0574	20.57/.810	F810	5240A IH	
		53.950/2.1240	56.891/2.2398					
CONROD								
4B583A STD, 010, 020, 030		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F810	2150A IH	
		53.945/2.1238	56.891/2.2398					
MAINS								
5M1629A STD, 010, 020, 030	1	57.104/2.2482	60.990/2.4012	1.928/.0759	25.90/1.020	F810	5223A U	
		57.125/2.2490	61.011/2.4020					
	1,2,3,4,5	57.104/2.2482	60.990/2.4012	1.928/.0759	25.90/1.020	F810	5224A L	
		57.125/2.2490	61.011/2.4020					
	2,4,5	57.019/2.2448	60.995/2.4014	1.928/.0759	25.90/1.020	F810	2126A U	
		57.119/2.2488	61.006/2.4018					
	3	57.104/2.2482	60.990/2.4012	1.928/.0759	32.28/1.271	F810	2127A(F) U	
		57.124/2.2490	61.011/2.4020					
	CAMS							
	4C1251S STD	1	50.988/2.0074	55.988/2.2042	2.470/.0972	18.42/.725	F23	5270
51.013/2.0084			56.012/2.2052					
2,3		50.988/2.0074	55.588/2.1885	2.270/.0894	18.42/.725	F147	5271	
		51.013/2.0084	55.613/2.1895					
4		50.988/2.0074	55.988/2.2042	2.470/.0972	12.90/.508	F23	5272	
		51.013/2.0084	56.012/2.2052					

115 Engine				Year	Cyl	Bore x Stroke	115
144ci (2.4L) Inline6 OHV 2v				01/1960 - 12/1966	L6	3.50in x 2.50in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Was 6B583A</i>							
6B2150A STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F810	2150A IH
		53.945/2.1238	56.891/2.2398				



115 Continued ... 115

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 6B2150H STD, 001, 010, 020	CONROD	53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH
RACE SERIES 6B2150HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.442/.0568	20.57/.810	F781	2150HX IH
6B2150P STD, 001, 010, 020, 030, 040	CONROD	53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F780	2150 IH
4M2126A STD, 010, 020, 030	MAINS	<i>Was 4M771A.</i>		1.928/.0759	25.90/1.020	F810	2126A IH
	1,2,4	57.109/2.2484 57.119/2.2488	60.995/2.4014 61.006/2.4018				
	3	57.104/2.2482 57.124/2.2490	60.990/2.4012 61.011/2.4020	1.928/.0759	32.28/1.271	F810	2127A(F) IH
4C5746 STD	CAMS	<i>To Eng. No 73540.</i>		2.116/.0833	18.54/.730	F23	5746
	1	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790				
	2	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828
	3	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827
	4	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5749
4C5749 STD	CAMS	<i>From Eng. No. 73541.</i>		1.544/.0608	18.54/.730	F23	5749
	1,2,3,4	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340				
4C5826 STD	CAMS	<i>Was 4C703S. #4 position cam (5746) - bleeder groove to face inwards</i>		2.116/.0833	18.54/.730	F23	5746
	1	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340				
	2	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827
	3	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828
	4	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790	2.116/.0833	18.54/.730	F23	5746

116 Engine Year Cyl Bore x Stroke 116

1558cc 125E, 3020E Lotus Inline4 DOHC 2v 01/1965 - 12/1975 L4 82.5mm x 72.8mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B603A STD, 001, 010, 020	CONROD	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F810	5216A IH
RACE SERIES 4B603H STD, 001, 010, 020	CONROD	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.830/.0720	22.35/.880	F781	5216H UL
RACE SERIES 4B603HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.817/.0715	22.35/.880	F781	5216HX UL
		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830				
4B603P STD, 010, 020, 030, 040, 050.	CONROD	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F780	5216 IH
5M2152A STD, 010, 020, 030, 040	MAINS	<i>Same as 5M742A</i>		1.836/.0723	25.52/1.005	F810	2152A IH
	1,2,3,4,5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715				
RACE SERIES 5M2152H STD, 001, 010, 020	MAINS	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.831/.0721	25.52/1.005	F780	2152H IH



116 Continued ...							116
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES		MAINS <i>0.001" extra oil clearance on STD journal.</i>					
5M2152HX STD	1,2,3,4,5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.818/.0716	25.52/1.005	F780	2152HX IH
5M2152P STD, 010, 020, 030, 040	MAINS 1,2,3,4,5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.836/.0723	25.52/1.005	F780	2152 IH
1T2152 STD, 005	THRUST	<i>Same as 1T1135</i>					
		59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430		2.36/.093	F250	2152T U
10C5808 STD	CAMS	<i>Split Cam Type insert</i>					
		25.400/1.0000 25.412/1.0005	28.587/1.1255 28.600/1.1260	1.584/.0624	19.18/.755	F23	5808 IH
		25.400/1.0000 25.412/1.0005	28.587/1.1255 28.600/1.1260	1.584/.0624	12.82/.505	F23	5809 IH

117 Engine				Year	Cyl	Bore x Stroke	117
170ci (2.8L) Inline6 OHV 2v				01/1960 - 12/1972	L6	3.50in x 2.94in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2150A STD, 001, 010, 020, 030, 040	CONROD	<i>Was 6B583A</i>					
		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F810	2150A IH
RACE SERIES 6B2150H STD, 001, 010, 020	CONROD	53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH
RACE SERIES 6B2150HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		53.934/2.1234 53.945/2.1238	56.891/2.2398 56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH
6B2150P STD, 001, 010, 020, 030, 040	CONROD	53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F780	2150 IH
4M2126A STD, 010, 020, 030	MAINS 1,2,4	<i>Was 4M771A.</i>					
		57.109/2.2484 57.119/2.2488	60.995/2.4014 61.006/2.4018	1.928/.0759	25.90/1.020	F810	2126A IH
	3	57.104/2.2482 57.124/2.2490	60.990/2.4012 61.011/2.4020	1.928/.0759	32.28/1.271	F810	2127A(F) IH
4C5746 STD	CAMS	<i>To Eng.No.14788.</i>					
	1	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790	2.116/.0833	18.54/.730	F23	5746
	2	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828
	3	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827
	4	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5749
4C5749 STD	CAMS 1,2,3,4	<i>From Eng.No.014789.</i>					
		45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5749
4C5768 STD	CAMS 1,4	45.961/1.8095 45.987/1.8105	49.479/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5768
	2,3	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5826
4C5826 STD	CAMS	<i>Was 4C7035. #4 position cam (5746) - bleeder groove to face inwards</i>					
	1	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5826
	2	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827



117 Continued ... 117

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4C5826 STD	3	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828
	4	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790	2.116/.0833	18.54/.730	F23	5746

118 Engine 171ci (2.8L) V6 OHV 2v VIN Code S,Z Year 01/1974 - 12/1986 Cyl V6 Bore x Stroke 3.66in x 2.71in 118

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B723A STD, 010, 020, 030, 040		53.980/2.1252 54.000/2.1260	56.820/2.2370 56.840/2.2378	1.407/.0554	16.48/.649	F810	1656A IH
	MAINS <i>4M860A has integral thrust flanges. Was 5M1658.</i>						
4M860A STD, 010, 020, 030	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1657A IH
	3	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	26.29/1.035	F810	1658A(F) IH
	CAMS <i>For 1983-86 engines.</i>						
4C1002BS STD	1	43.905/1.7285 43.920/1.7291	47.025/1.8514 47.060/1.8528	1.535/.0604	19.85/.781	F23	5266
	2	43.525/1.7136 43.540/1.7142	46.645/1.8364 46.680/1.8378	1.535/.0604	17.90/.705	F23	5267
	3	43.145/1.6986 43.160/1.6992	46.265/1.8215 46.300/1.8228	1.535/.0604	17.90/.705	F23	5268
	4	42.765/1.6837 42.780/1.6842	45.885/1.8065 45.920/1.8079	1.535/.0604	15.25/.600	F23	5269
	CAMS <i>For 1974-79 engines.</i>						
4C654S STD	1	41.897/1.6495 41.923/1.6505	45.030/1.7728 45.060/1.7740	1.530/.0602	19.80/.780	F23	5346
	2	41.516/1.6345 41.542/1.6355	44.653/1.7580 44.679/1.7590	1.530/.0602	17.91/.705	F23	5347
	3	41.135/1.6195 41.160/1.6205	44.272/1.7430 44.298/1.7440	1.530/.0602	17.91/.705	F23	5348
	4	40.755/1.6045 40.780/1.6055	43.890/1.7279 43.917/1.7290	1.530/.0602	15.25/.600	F23	5349

119 Engine 177ci (2.9L) V6 OHV 2v VIN Code T Year 01/1986 - 12/1992 Cyl V6 Bore x Stroke 3.66in x 2.83in 119

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B723A STD, 010, 020, 030, 040		53.980/2.1252 54.000/2.1260	56.820/2.2370 56.840/2.2378	1.407/.0554	16.48/.649	F810	1656A IH
	MAINS <i>For truck engines.</i>						
4M2006A STD, 10, 20, 30	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1663A L
	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1657A U
	3	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	26.29/1.035	F810	1658A(F) IH
MAINS <i>4M860A has integral thrust flanges. Was 5M1658.</i>							
4M860A STD, 010, 020, 030	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1657A IH
	3	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	26.29/1.035	F810	1658A(F) IH

119 Continued ... 119

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CAMS		<i>For 1983-86 engines.</i>					
4C1002BS STD	1	43.905/1.7285 43.920/1.7291	47.025/1.8514 47.060/1.8528	1.535/.0604	19.85/.781	F23	5266
	2	43.525/1.7136 43.540/1.7142	46.645/1.8364 46.680/1.8378	1.535/.0604	17.90/.705	F23	5267
	3	43.145/1.6986 43.160/1.6992	46.265/1.8215 46.300/1.8228	1.535/.0604	17.90/.705	F23	5268
	4	42.765/1.6837 42.780/1.6842	45.885/1.8065 45.920/1.8079	1.535/.0604	15.25/.600	F23	5269

120 Engine 1812cc V6 OHV 2v Year 01/1968 - On Cyl V6 Bore x Stroke 80.0mm x 60.1mm 120

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>4M860A has integral thrust flanges. Was 5M1658.</i>					
6B723A STD, 010, 020, 030, 040		53.980/2.1252 54.000/2.1260	56.820/2.2370 56.840/2.2378	1.407/.0554	16.48/.649	F810	1656A IH
	MAINS						
4M860A STD, 010, 020, 030	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1657A IH
	3	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	26.29/1.035	F810	1658A(F) IH

121 Engine 1340cc 109E Inline4 OHV 2v Year 01/1961 - 01/1967 Cyl L4 Bore x Stroke 81.0mm x 65.1mm 121
997cc 105E Inline4 OHV 2v Year 01/1960 - 01/1967 Cyl L4 Bore x Stroke 81.0mm x 48.4mm 121
997cc 106E Inline4 OHV 2v Year 01/1960 - 01/1967 Cyl L4 Bore x Stroke 81.0mm x 48.4mm 121
997cc 107E Inline4 OHV 2v Year 01/1960 - 01/1967 Cyl L4 Bore x Stroke 81.0mm x 48.4mm 121

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD		<i>0.001" extra oil clearance on STD journal.</i>						
4B603A STD, 001, 010, 020		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F810	5216A IH	
	RACE SERIES							
4B603H STD, 001, 010, 020		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.830/.0720	22.35/.880	F781	5216H UL	
	RACE SERIES							
4B603HX STD		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.817/.0715	22.35/.880	F781	5216HX UL	
	RACE SERIES							
4B603P STD, 010, 020, 030, 040, 050,		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F780	5216 IH	
	RACE SERIES							
3M2152P STD, 010, 020, 030, 040	1,2,3	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.836/.0723	25.52/1.005	F780	2152 IH	
	THRUST		<i>Same as 1T1135</i>					
1T2152 STD, 005		59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430		2.36/.093	F250	2152T U	
	CAMS							
3C3300 STD	1	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	20.32/.800	F23	3300	
	2	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	17.53/.690	F23	3301	
	3	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	18.67/.735	F23	3302	
	PISTON PIN BUSH							
	RB902 STD		20.625/.8120 20.632/.8123	22.327/.8790 22.352/.8800	.980/.0386	26.67/1.050	F100	RB902



122 Engine		Year		Cyl	Bore x Stroke		122
1198cc 113E Inline4 OHV 2v		01/1961 - 08/1967		L4	3.19in x 2.29in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
3M2152P STD, 010, 020, 030, 040	MAINS 1,2,3	53.988/2.1255	57.683/2.2710	1.836/.0723	25.52/1.005	F780	2152 IH
		54.000/2.1260	57.696/2.2715				
1T2152 STD, 005	THRUST <i>Same as 1T1135</i>	59.436/2.3400	74.498/2.9330		2.36/.093	F250	2152T U
		59.690/2.3500	74.752/2.9430				
3C3300 STD	CAMS 1	39.616/1.5597	42.887/1.6885	1.613/.0635	20.32/.800	F23	3300
		39.637/1.5605	42.913/1.6895				
		39.616/1.5597	42.887/1.6885				
		39.637/1.5605	42.913/1.6895				
	2	39.616/1.5597	42.887/1.6885	1.613/.0635	17.53/.690	F23	3301
		39.637/1.5605	42.913/1.6895				
		39.616/1.5597	42.887/1.6885				
		39.637/1.5605	42.913/1.6895				
RB902 STD	PISTON PIN BUSH	20.625/.8120	22.327/.8790	.980/.0386	26.67/1.050	F100	RB902
		20.632/.8123	22.352/.8800				

123 Engine		Year		Cyl	Bore x Stroke		123					
445ci (7.3L) Power Stroke V8 OHC 2v T/Diesel		01/1994 - 05/2003		V8	104.4mm x 106.2mm							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.					
8B1633P STD, 10, 20, 30, 40	CONROD	63.449/2.4980	68.339/2.6905	2.418/.0952	24.55/.967	F780	5246 IH					
		63.475/2.4990	68.364/2.6915									
5M1596A STD, 010, 020, 030	MAINS 1,2,4,5	79.319/3.1228	84.206/3.3152	2.410/.0949	22.20/.874	F810	2934A UL					
		79.339/3.1236	84.231/3.3162									
		79.319/3.1228	84.206/3.3152									
		79.339/3.1236	84.231/3.3162									
5M2034P STD, 010, 020, 030, 040	MAINS 1,2,4,5	79.319/3.1228	84.206/3.3152	2.410/.0949	23.70/.933	F780	5247 UL					
		79.339/3.1236	84.231/3.3162									
		79.319/3.1228	84.206/3.3152									
		79.339/3.1236	84.231/3.3162									
5C1092S STD	CAMS 1	53.315/2.0990	56.655/2.2305	1.640/.0646	20.07/.790	F23	5262					
		53.340/2.1000	56.693/2.2320									
		2,3,4,5	53.315/2.0990					56.655/2.2305	1.640/.0646	16.64/.655	F23	5263
			53.340/2.1000					56.693/2.2320				

124 Engine		Year		Cyl	Bore x Stroke		124
1998cc Duratorq ZSD-420 Inline4 DOHC 4v Turbo Diesel		08/2000 - On		L4	86.0mm x 86.0mm		
<i>Engine Codes ABFA, AZBA, D3FA, D5BA, D6BA, F3FA, F1FA, FMBA, HJBA, HJBB, HJBC, LPBA, N7BA, N7BB, SDBA.</i>							
2402cc Duratorq ZSD-424 Inline4 DOHC 4v Turbo Diesel		01/2000 - 05/2006		L4			
<i>Engine Codes D2FA, D2FB, D2FE, D4FA, DOFA, F4FA</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2260A STD, .25	CONROD	52.980/2.0858	55.996/2.2046	1.487/.0585	25.10/.988	F810	2260A IH
		53.000/2.0866	56.016/2.2053				
4B2260P STD, .25	CONROD <i>Upper F780, Lower F810.</i>	52.980/2.0858	55.996/2.2046	1.487/.0585	25.10/.988	F780	2260 U
		53.000/2.0866	56.016/2.2053				
		52.980/2.0858	55.996/2.2046				
		53.000/2.0866	56.016/2.2053				
5M2276A STD, .25, .50	MAINS	64.940/2.5567		2.250/.0886	24.15/.951	F810	2277A U

124 Continued ...							124
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M2276A STD, .25, .50		64.940/2.5567		2.250/.0886	23.30/.917	F810	2278A L
		64.940/2.5567		2.250/.0886	30.15/1.187	F810	2279A(F) U
		69.940/2.7535		2.250/.0886	19.58/.771	F810	2276A UL

125 Engine	Year	Cyl	Bore x Stroke	125
1596cc Duratec (Zetec-SE) Inline4 DOHC 4v <i>Engine Codes FYDA, FYDB, FYDC, FYDD, FYDH, FYJA, FYJB, HXDA</i>	02/2004 - 01/2006	L4	79.0mm x 81.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7267A STD, .25		43.985/1.7317	47.035/1.8518	1.516/.0597	15.27/.601	F810	7267A IH
		44.000/1.7323	47.045/1.8522				
MAINS							
<i>Standard flange length 23.75mm on all undersizes. See 5M7253A for overwidth flange version.</i>							
5M7250A STD, .25, .50, .75, 1.00	1,2,3,4,5	47.981/1.8890	54.021/2.1268	3.012/.1186	16.10/.634	F810	7251A L
		48.001/1.8898	54.039/2.1275				
	1,2,4,5	47.981/1.8890	54.021/2.1268	3.012/.1186	16.10/.634	F810	7250A U
		48.001/1.8898	54.039/2.1275				
	3	47.981/1.8890	54.021/2.1268	3.012/.1186	23.88/.940	F810	7252A(F) U
		48.001/1.8898	54.039/2.1275				
MAINS							
<i>Alternative set to 5M7250A with oversize flange length 23.92mm on all undersizes.</i>							
5M7253A .25, .50, .75, 1.00	1,2,3,4,5	47.981/1.8890	54.021/2.1268	3.012/.1186	16.10/.634	F810	7251A L
		48.001/1.8898	54.039/2.1275				
	1,2,4,5	47.981/1.8890	54.021/2.1268	3.012/.1186	16.10/.634	F810	7250A U
		48.001/1.8898	54.039/2.1275				
	3	47.981/1.8890	54.021/2.1268	3.012/.1186	23.92/.942	F810	7253A(F) U
		48.001/1.8898	54.039/2.1275				



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ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
1.0L S-TEC (Chev) Inline4 SOHC 2v	01/2002 - On	L4	995	60	29
85ci (1.4L) LX3 (Chev) Inline4 OHV	01/1976 - 12/1977	L4	1392	85	5
98ci (1.6L) (Chev) Inline4 OHV	01/1976 - 12/1987	L4	1605	98	5
110ci (1.8L) (Pontiac) Inline4 SOHC 2v	01/1982 - 12/1986	L4	1796	109	28
110ci (1.8L) (Pontiac) Inline4 SOHC 2v Turbo	01/1984 - 12/1986	L4	1796	109	28
112ci (1.8L) (Chev) Inline4 OHV 2v	01/1982 - 12/1982	L4	1835	112	6
116ci (1.9L) (Saturn) Inline4 DOHC 4v	01/1991 - 12/2002	L4	1900	116	37
116ci (1.9L) (Saturn) Inline4 SOHC 2v	01/1991 - 12/2002	L4	1900	116	37
122ci (2.0L) XK620 E-TEC (Daewoo) Inline6 DOHC 4v	01/2005 - On	L6	1993	121	33
122ci (2.0L) (Pontiac) Inline4 SOHC 2v	01/1987 - 12/1994	L4	1998	121	28
122ci (2.0L) (Pontiac) Inline4 SOHC 2v Turbo	01/1987 - 12/1990	L4	1998	121	28
122ci (2.0L) (Chev) Inline4 DOHC	01/1975 - 12/1976	L4	1999	122	8
122ci (2.0L) (Chev) Inline4 OHV 2v	01/1983 - 12/1986	L4	1999	122	56
122ci (2.0L) (Chev) Inline4 OHV 2v	01/1987 - 12/1989	L4	1999	122	7
122ci (2.0L) LSJ Ecotec (Chev) I4 DOHC 4v S/C	01/2004 - On	L4	1999	122	9
134ci (2.2L) LN2, L43 Vortec (Chev) Inline4 OHV 2v	01/1994 - 12/2003	L4	2195	134	36
134ci (2.2L) LN2, LM3 (Chev) Inline4 OHV 2v	01/1990 - 12/2002	L4	2195	134	36
134ci (2.2L) L61 Ecotec (Chev) Inline4 DOHC 4v	01/2000 - On	L4	2196	134	9
138ci (2.3L) Quad 4 (Olds) Inline4 DOHC 4v	01/1987 - 12/1995	L4	2261	138	35
138ci (2.3L) Quad 4 (Olds) Inline4 SOHC 2v	01/1992 - 12/1994	L4	2261	138	35
140ci (2.3L) (Chev) Inline4 SOHC 2v	01/1971 - 12/1976	L4	2294	140	8
146ci (2.4L) LD9 (Olds) Inline4 DOHC 4v	01/1996 - 12/2002	L4	2392	146	34
146ci (2.4L) LE5 Ecotec (Chev) Inline4 DOHC 4v	01/2006 - On	L4	2400	146	9
151ci (2.5L) (Pontiac) Inline4 2v	01/1977 - 12/1993	L4	2474	151	25
152ci (2.5L) XK625 E-TEC (Daewoo) Inline6 DOHC 4v	01/2005 - On	L6	2492	152	33
153ci (2.5L) (Chev) Inline4 OHV 2v	01/1962 - 12/1970	L4	2507	153	48
169ci (2.8L) LK5 (Chev) Inline4 DOHC 4v	01/2004 - 12/2006	L4	2770	169	10
170ci (2.8L) LAU (HFV6) (Cadi) V6 DOHC 4v Turbo	01/2010 - 12/2011	V6	2792	170	21
170ci (2.8L) LP1 (HFV6) (Cadi) V6 DOHC 4v	01/2005 - 12/2007	V6	2792	170	21
170ci (2.8L) LP9 (HFV6) (Cadi) V6 DOHC 4v Turbo	01/2006 - 12/2009	V6	2792	170	21
173ci (2.8L) (Chev) V6 OHV 2v	01/1980 - 12/1993	V6	2834	173	49
178ci (2.9L) LLV (Chev) Inline4 DOHC 4v	01/2007 - 12/2012	L4	2921	178	10
181ci (3.0L) (Buick) V6 OHV 2v	01/1982 - 12/1988	V6	2966	181	1
183ci (3.0L) LF1 (HFV6) (Cadi) V6 DOHC 4v	01/2010 - On	V6	2997	182	21
183ci (3.0L) LF1 (HFV6) (Chev) V6 DOHC 4v	01/2010 - On	V6	2997	182	21
189ci (3.1L) (Chev) V6 OHV 2v	01/1993 - 12/1999	V6	3097	189	23
189ci (3.1L) (Chev) V6 OHV 2v	01/1988 - 12/2005	V6	3097	189	11
194ci (3.2L) (Chev) Inline6 OHV 2v	01/1962 - 12/1967	L6	3179	194	26
196ci (3.2L) (Buick) V6 OHV 2v	01/1978 - 12/1979	V6	3211	196	41
198ci (3.2L) (Buick) V6 OHV 2v	01/1962 - 12/1963	V6	3244	198	40
200ci (3.3L) (Chev) V6 OHV 2v	01/1978 - 12/1979	V6	3277	200	50
204ci (3.3L) (Buick) V6 OHV 2v	01/1989 - 12/1993	V6	3342	204	42
207ci (3.4L) (Chev) V6 DOHC 4v	01/1991 - 12/1997	V6	3392	207	12
207ci (3.4L) (Chev) V6 OHV 2v	01/1993 - 12/2005	V6	3392	207	11
211ci (3.5L) L52 (Chev) Inline5 DOHC 4v	01/2004 - 12/2006	L5	3457	211	24
213ci (3.5L) LX9 (Chev) V6 OHV 2v	01/2004 - 12/2008	V6	3498	213	31
214ci (3.5L) LZ4 (Chev) V6 OHV 2v	01/2006 - 12/2009	V6	3510	214	32
215ci (3.5L) (Buick) V8 OHV 2v	01/1961 - 12/1963	V8	3523	215	43
215ci (3.5L) (Pontiac) Inline6 OHV 2v	01/1964 - 12/1965	L6	3523	215	26
217ci (3.6L) LFX (HFV6) (Cadi) V6 DOHC 4v	01/2012 - On	V6	3564	217	21
217ci (3.6L) LFX (HFV6) (Chev) V6 DOHC 4v	01/2012 - On	V6	3564	217	21
217ci (3.6L) LLT (HFV6) (Cadi) V6 DOHC 4v	01/2008 - On	V6	3564	217	21
217ci (3.6L) LLT (HFV6) (Chev) V6 DOHC 4v	01/2009 - On	V6	3564	217	21
217ci (3.6L) LY7 (HFV6) (Cadi) V6 DOHC 4v	01/2004 - 12/2009	V6	3564	217	21
217ci (3.6L) LY7 (HFV6) (Chev) V6 DOHC 4v	01/2008 - On	V6	3564	217	21
223ci (3.7L) LLR (Chev) Inline5 DOHC 4v	01/2007 - 12/2012	L5	3653	222	24
225ci (3.7L) (Buick) V6 OHV 2v	01/1964 - 01/1967	V6	3687	225	44
229ci (3.8L) (Chev) V6 OHV 2v	01/1980 - 12/1984	V6	3752	229	50

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ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
230ci (3.8L) (Chev) Inline6 OHV 2v	01/1963 - 12/1970	L6	3769	230	26
231ci (3.8L) (Buick) V6 OHV 2v Even Fire	01/1977 - 12/1987	V6	3785	231	1
231ci (3.8L) (Buick) V6 OHV 2v Odd Fire	01/1975 - 12/1977	V6	3785	231	2
231ci (3.8L) (Buick) V6 OHV 2v Supercharged	01/1992 - 12/2005	V6	3785	231	30
231ci (3.8L) (Buick) V6 OHV 2v Turbo	01/1978 - 12/1987	V6	3785	231	1
231ci (3.8L) MPI/TPI (Buick) V6 OHV 2v	01/1988 - 12/2005	V6	3785	231	3
237ci (3.9L) LZ9 (Chev) V6 OHV 2v	01/2006 - 12/2009	V6	3880	236	32
244ci (4.0L) L47 (Olds) V8 DOHC 4v	01/1995 - 12/2003	V8	3995	243	38
250ci (4.1L) (Chev) Inline6 OHV 2v	01/1964 - 12/1984	L6	4096	250	52
252ci (4.1L) (Buick) V6 OHV 2v	01/1980 - 12/1984	V6	4129	252	41
256ci (4.2L) LL8 Vortec (Chev) Inline6 DOHC 4v	01/2002 - 12/2009	L6	4162	254	13
260ci (4.3L) (Olds) V8 OHV 2v	01/1975 - 12/1985	V8	4260	260	59
260ci (4.3L) (Olds) V8 OHV 2v Diesel	01/1982 - 12/1985	V8	4260	260	60
262ci (4.3L) (Chev) V6 OHV 2v	01/1985 - 12/1996	V6	4293	262	22
262ci (4.3L) (Chev) V6 OHV 2v Turbo	01/1991 - 12/1993	V6	4293	262	22
262ci (4.3L) (Chev) V8 OHV 2v	01/1975 - 12/1976	V8	4293	262	14
262ci (4.3L) Vortec (Chev) V6 OHV 2v	01/1992 - 12/2010	V6	4293	262	22
265ci (4.3L) (Chev) V8 OHV 2v	01/1955 - 12/1957	V8	4342	265	53
265ci (4.3L) (Pontiac) V8 OHV 2v	01/1980 - 12/1981	V8	4342	265	27
265ci (4.3L) L99 (Chev) V8 OHV 2v	01/1994 - 12/1996	V8	4342	265	14
267ci (4.4L) (Chev) V8 OHV 2v	01/1979 - 12/1982	V8	4375	267	14
281ci (4.6L) (Northstar) V8 DOHC 4v	01/1993 - 12/2010	V8	4600	280	38
283ci (4.6L) (Chev) V8 OHV 2v	01/1955 - 12/1969	V8	4637	283	54
292ci (4.8L) (Chev) Inline6 OHV 2v	01/1963 - 12/1989	L6	4785	292	55
294ci (4.8L) LR4 Vortec (Chev) V8 OHV 2v	01/1999 - 12/2006	V8	4817	294	15
294ci (4.8L) LY2 Vortec (Chev) V8 OHV 2v	01/2007 - 12/2009	V8	4817	294	17
300ci (4.9L) (Buick) V8 OHV 2v	01/1964 - 12/1967	V8	4916	300	39
301ci (4.9L) (Pontiac) V8 OHV 2v	01/1977 - 12/1981	V8	4932	301	27
301ci (4.9L) (Pontiac) V8 OHV 2v Turbo	01/1980 - 12/1981	V8	4932	301	27
302ci (5.0L) Large Pin (Chev) V8 OHV 2v	01/1968 - 12/1968	V8	4948	302	14
302ci (5.0L) Small Pin (Chev) V8 OHV 2v	01/1967 - 12/1967	V8	4948	302	16
305ci (5.0L) V8 (Chev) OHV 2v	01/1977 - 12/2002	V8	4998	305	14
307ci (5.0L) (Olds) V8 OHV 2v	01/1980 - 12/1990	V8	5030	307	61
307ci (5.0L) V8 (Chev) OHV 2v	01/1968 - 12/1973	V8	5030	307	14
325ci (5.3L) Vortec (Chev) V8 OHV 2v	01/1999 - 12/2010	V8	5325	325	15
326ci (5.3L) (Pontiac) V8 OHV 2v	01/1963 - 12/1967	V8	5342	326	57
327ci (5.4L) Large Pin (Chev) V8 OHV 2v	01/1968 - 12/1969	V8	5358	327	14
327ci (5.4L) Small Pin (Chev) V8 OHV 2v	01/1962 - 05/1969	V8	5358	327	54
330ci (5.4L) (Olds) V8 OHV 2v	01/1964 - 12/1967	V8	5407	330	62
340ci (5.6L) (Buick) V8 OHV 2v	01/1964 - 01/1967	V8	5571	340	45
346ci (5.7L) LS1 (Chev) V8 OHV 2v	01/1997 - 12/2005	V8	5665	345	15
346ci (5.7L) LS6 (Chev) V8 OHV 2v	01/2001 - 12/2005	V8	5665	345	15
350ci (5.7L) (Buick) V8 OHV 2v	01/1968 - 12/1981	V8	5735	350	4
350ci (5.7L) (Chev) V8 OHV 2v	01/1967 - 12/2002	V8	5735	350	14
350ci (5.7L) (Olds) V8 OHV 2v	01/1964 - 12/1986	V8	5735	350	59
350ci (5.7L) (Olds) V8 OHV 2v Diesel	01/1978 - 12/1985	V8	5735	350	60
350ci (5.7L) (Pontiac) V8 OHV 2v	01/1968 - 12/1979	V8	5735	350	57
350ci (5.7L) Vortec (Chev) V8 OHV 2v	01/1995 - 12/2003	V8	5739	350	14
364ci (6.0L) LFA Vortec Hybrid (Chev) V8 OHV 2v	01/2008 - On	V8	5964	364	17
364ci (6.0L) LS2 (Chev) V8 OHV 2v	01/2005 - 12/2009	V8	5967	364	17
366ci (6.0L) Big Block (Chev) V8 OHV 2v	01/1966 - 12/1967	V8	5997	366	47
364ci (6.0L) Vortec (Chev) V8 OHV 2v	01/1999 - 12/2009	V8	6000	366	15
376ci (6.2L) L99 (Chev) V8 OHV 2v	01/2010 - On	V8	6161	376	17
376ci (6.2L) LS3 (Chev) V8 OHV 2v	01/2008 - On	V8	6161	376	17
376ci (6.2L) LS9 (Chev) V8 OHV 2v S/Charged	01/2009 - On	V8	6161	376	19
376ci (6.2L) LSA (Chev) V8 OHV 2v S/Charged	01/2009 - On	V8	6161	376	19
376ci (6.2L) Vortec (Chev) V8 OHV 2v	01/2007 - On	V8	6200	378	17
379ci (6.2L) (Chev) V8 OHV 2v Diesel	01/1982 - 12/1993	V8	6211	379	18



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ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
389ci (6.4L) (Pontiac) V8 OHV 2v	01/1959 - 12/1966	V8	6374	389	57
395ci (6.5L) (Chev) V8 OHV 2v Diesel	01/1994 - 12/1999	V8	6472	395	18
395ci (6.5L) (Chev) V8 OHV 2v Turbo Diesel	01/1992 - 02/2002	V8	6472	395	18
396ci (6.5L) Big Block (Chev) V8 OHV 2v	01/1964 - 12/1971	V8	6489	396	47
400ci (6.6L) (Olds) V8 OHV 2v	01/1965 - 12/1969	V8	6554	400	63
400ci (6.6L) (Pontiac) V8 OHV 2v	01/1967 - 12/1979	V8	6554	400	57
400ci (6.6L) Small Block (Chev) V8 OHV 2v	01/1970 - 12/1980	V8	6554	400	51
402ci (6.6L) Big Block (Chev) V8 OHV 2v	01/1970 - 12/1972	V8	6587	402	46
403ci (6.6L) (Olds) V8 OHV 2v	01/1977 - 12/1979	V8	6604	403	64
421ci (6.9L) (Pontiac) V8 OHV 2v	01/1961 - 12/1966	V8	6898	421	58
425ci (7.0L) (Olds) V8 OHV 2v	01/1965 - 12/1967	V8	6964	425	63
427ci (7.0L) Big Block (Chev) V8 OHV 2v	01/1966 - 12/1969	V8	6997	427	47
427ci (7.0L) LS7 (Chev) V8 OHV 2v	01/2006 - 12/2010	V8	7011	427	19
428ci (7.0L) (Pontiac) V8 OHV 2v	01/1967 - 12/1969	V8	7013	428	58
454ci (7.4L) Big Block (Chev) V8 OHV 2v	01/1970 - 12/2000	V8	7439	454	46
455ci (7.5L) (Olds) V8 OHV 2v	01/1968 - 12/1976	V8	7456	455	63
455ci (7.5L) (Pontiac) V8 OHV 2v	01/1970 - 12/1976	V8	7456	455	58
496ci (8.1L) Gen IV Vortec V8 OHV 2v	01/2001 - 12/2007	V8	8128	496	20

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1	Engine	Year	Cyl	Bore x Stroke	1
	181ci (3.0L) (Buick) V6 OHV 2v <i>VIN Codes E,L</i>	01/1982 - 12/1988	V6	3.80in x 2.66in	
	231ci (3.8L) (Buick) V6 OHV 2v Even Fire <i>VIN Code A</i>	01/1977 - 12/1987	V6	3.80in x 3.40in	
	231ci (3.8L) (Buick) V6 OHV 2v Turbo <i>VIN Codes 3,7,8,9,G</i>	01/1978 - 12/1987	V6	3.80in x 3.40in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD = 6B1228A								
6B2360A STD, 001, 010, 020, 030, 040		57.117/2.2487	60.295/2.3738	1.572/.0619	16.74/.659	F810	2360A	
		57.147/2.2499	60.312/2.3745				IH	
CONROD 16.74mm Wide, VN Series 1. Same as 6B1228P.								
6B2360P STD, 001, 010, 020, 030, 040		57.117/2.2487	60.295/2.3738	1.572/.0619	16.74/.659	F780	2360	
		57.147/2.2499	60.312/2.3745				IH	
MAINS STD width flanges on all undersizes.								
4M960A STD, 001, 010, 020, 030, 040	1,3	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9015A	
		63.500/2.5000	68.275/2.6880				UL	
	2	63.475/2.4990	68.250/2.6870	2.365/.0931	26.87/1.058	F810	9017A(F)	
		63.500/2.5000	68.275/2.6880				UL	
	4	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9016A	
		63.500/2.5000	68.275/2.6880				L	
	4	63.470/2.4988	68.250/2.6870	2.365/.0931	22.07/.869	F810	9019A	
		63.500/2.5000	68.275/2.6880				U	
	CAMS Alternative to 4C10315, with grooved OD on #1 bush. For engines with 14 bolt oil pan.							
	4C1031BS STD	1	45.339/1.7850	48.654/1.9155	41.402/1.6300	19.18/.755	F23	5103
45.364/1.7860			48.705/1.9175					
2,3,4		45.339/1.7850	48.654/1.9155	1.630/.0642	15.88/.625	F23	5104	
		45.364/1.7860	48.705/1.9175					
CAMS For engines with 14 bolt oil pan.								
4C1031S STD	2,3,4	45.339/1.7850	48.654/1.9155	1.630/.0642	15.88/.625	F23	5104	
		45.364/1.7860	48.705/1.9175					
CAMS For engines with 20 bolt oil pan.								
4C1246S STD	1,4	45.339/1.7850	49.162/1.9355	1.890/.0744	19.18/.755	F23	5102	
		45.364/1.7860	49.213/1.9375					
	2,3	45.339/1.7850	48.654/1.9155	1.630/.0642	15.88/.625	F23	5104	
		45.364/1.7860	48.705/1.9175					

2	Engine	Year	Cyl	Bore x Stroke	2
	231ci (3.8L) (Buick) V6 OHV 2v Odd Fire <i>VIN Code C</i>	01/1975 - 12/1977	V6	3.80in x 3.40in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD 18.84mm wide.								
6B610A STD, 10, 20, 30, 40		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A	
		50.813/2.0005	53.980/2.1252				IH	
MAINS STD width flanges on all undersizes.								
4M960A STD, 001, 010, 020, 030, 040	1,3	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9015A	
		63.500/2.5000	68.275/2.6880				UL	
	2	63.475/2.4990	68.250/2.6870	2.365/.0931	26.87/1.058	F810	9017A(F)	
		63.500/2.5000	68.275/2.6880				UL	
	4	63.470/2.4988	68.250/2.6870	2.365/.0931	22.07/.869	F810	9019A	
		63.500/2.5000	68.275/2.6880				U	
	4	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9016A	
		63.500/2.5000	68.275/2.6880				L	
	CAMS Alternative to 4C10315, with grooved OD on #1 bush. For engines with 14 bolt oil pan.							
	4C1031BS STD	1	45.339/1.7850	48.654/1.9155	41.402/1.6300	19.18/.755	F23	5103
45.364/1.7860			48.705/1.9175					
2,3,4		45.339/1.7850	48.654/1.9155	1.630/.0642	15.88/.625	F23	5104	
		45.364/1.7860	48.705/1.9175					



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2 Continued ...								2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CAMS <i>For engines with 14 bolt oil pan.</i>								
4C1031S STD	2,3,4	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	15.88/.625	F23	5104	
3 Engine								3
231ci (3.8L) MPI/TPI (Buick) V6 OHV 2v <i>VIN Codes C,K,L</i>				Year	Cyl	Bore x Stroke		
				01/1988 - 12/2005	V6	3.80in x 3.40in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES CONROD <i>For Type K,L engines, and 1991 Type C engines.</i>								
6B2306H STD, 001, 010, 020		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.568/.0617	18.30/.720	F781	2306H IH	
RACE SERIES CONROD <i>For Type K,L engines, and 1991 Type C engines. 0.001" extra oil clearance on STD journal.</i>								
6B2306HX STD		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.555/.0612	18.30/.720	F781	2306HX IH	
CONROD <i>For Type K,L engines, and 1991 Type C engines. 18.30mm wide. VN series 2, VP, VR, VS, VT, VX, VY.</i>								
6B2306P STD, 010, 020, 030, 040		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.570/.0618	18.30/.720	F780	2306 IH	
CONROD <i>For Type C engines only. = 6B1228A</i>								
6B2360A STD, 001, 010, 020, 030, 040		57.117/2.2487 57.147/2.2499	60.295/2.3738 60.312/2.3745	1.572/.0619	16.74/.659	F810	2360A IH	
CONROD <i>For Type C engines only. 16.74mm Wide, VN Series 1. Same as 6B1228P.</i>								
6B2360P STD, 001, 010, 020, 030, 040		57.117/2.2487 57.147/2.2499	60.295/2.3738 60.312/2.3745	1.572/.0619	16.74/.659	F780	2360 IH	
MAINS <i>For engines 1995 on.</i>								
4M2022A STD, 010, 020, 030, 040	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2299A L	
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A U	
	2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	26.87/1.058	F810	2303A(F) UL	
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2309A L	
MAINS <i>For 1990-1993 Type L engines, and 1991 Type C engines only. = 4M1822A. Suits VN Series 2 and VP.</i>								
4M2302A STD, 010, 020, 030, 040	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A L	
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A U	
	2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	26.87/1.058	F810	2303A(F) UL	
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2305A L	
MAINS <i>For type 1994 L engines only. Was 4M2021A. Suits VR.</i>								
4M2309A STD, 010, 020, 030, 040	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A L	
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A U	
	2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	26.87/1.058	F810	2303A(F) UL	
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2309A L	
MAINS <i>For Type C engines only. STD width flanges on all undersizes.</i>								
4M960A STD, 001, 010, 020, 030, 040	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9015A UL	
	2	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	26.87/1.058	F810	9017A(F) UL	

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3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4M960A STD, 001, 010, 020, 030, 040	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9016A L
	4	63.470/2.4988 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9019A U
4C1246S STD	CAMS		<i>For engines with 20 bolt oil pan.</i>				
	1,4	45.339/1.7850 45.364/1.7860	49.162/1.9355 49.213/1.9375	1.890/.0744	19.18/.755	F23	5102
	2,3	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	15.88/.625	F23	5104
4C1812S STD	CAMS						
	1,4	46.858/1.8448 46.893/1.8462	50.686/1.9955 50.711/1.9965	1.882/.0741	18.92/.745	F23	5336
	2,3	46.858/1.8448 46.893/1.8462	50.178/1.9755 50.228/1.9775	1.628/.0641	16.00/.630	F23	5337
RB4106 UNB	PISTON PIN BUSH		<i>Semi-finished</i>				
		21.995/.8659 22.000/.8661	24.562/.9670 24.562/.9670	1.500/.0591	21.20/.835	F100	RB4106
RB4106-R UNB	PISTON PIN BUSH		<i>Has reaming allowance.</i>				
		21.995/.8659 22.000/.8661	24.562/.9670 24.562/.9670	1.360/.0535	21.20/.835	F100	RB4106-R

4 Engine				Year	Cyl	Bore x Stroke	4
350ci (5.7L) (Buick) V8 OHV 2v <i>VIN Codes B,H,I,X</i>				01/1968 - 12/1981	V8	3.80in x 3.85in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B610A STD, 010, 020, 030, 040	CONROD		50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/.0618	18.84/.742	F810 2226A IH
	MAINS						
5M1457A STD, 010, 020, 030	1,2,4	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/.0935	21.97/.865	F810	7134A UL
	3	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/.0935	26.87/1.058	F810	7135A(F) UL
	5	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/.0935	21.97/.865	F810	7137A UL
	CAMS						
5C680S STD	1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	19.18/.755	F23	5316
	2,3,4,5	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	15.88/.625	F23	5317

5 Engine				Year	Cyl	Bore x Stroke	5
85ci (1.4L) LX3 (Chev) Inline4 OHV <i>VIN Code I</i>				01/1976 - 12/1977	L4	82.0mm x 66.0mm	
98ci (1.6L) (Chev) Inline4 OHV <i>VIN Codes O,9,C,E,I</i>				01/1976 - 12/1987	L4	82.0mm x 76.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1216A STD, 010, 020, 030	CONROD		45.959/1.8094 45.984/1.8104	49.000/1.9291 49.012/1.9296	1.500/.0591	19.05/.750	F810 1216A IH
	MAINS						
5M1424A STD, 010, 020, 030	1,2,3,4	50.998/2.0078 51.024/2.0088	54.986/2.1648 55.011/2.1658	1.970/.0776	17.98/.708	F810	1424A IH
	5	50.988/2.0074 51.013/2.0084	54.986/2.1648 55.011/2.1658	1.980/.0780	23.90/.941	F810	1425A(F) IH



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5 Continued ...							5
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1429A STD, 010, 020, 030	MAINS	<i>Special for Brazil. Flange width 0.8mm oversize.</i>					
	1,2,3,4	50.998/2.0078 51.024/2.0088	54.986/2.1648 55.011/2.1658	1.970/.0776	17.98/.708	F810	1424A IH
	5	50.988/2.0074 51.013/2.0084	54.986/2.1648 55.011/2.1658	1.980/.0780	25.00/.984	F810	1429A(F) IH

6 Engine			Year	Cyl	Bore x Stroke	6
112ci (1.8L) (Chev) Inline4 OHV 2v VIN Code G			01/1982 - 12/1982	L4	89.0mm x 74.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B745A STD, 010, 020, 030, 040, 060	CONROD	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F810	2370A IH
	MAINS						
5M1524A STD, .25, .50, .75	1,2,3	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/.0954	18.72/.737	F810	7123A IH
	4	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/.0954	23.93/.942	F810	7162A(F) IH
	5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/.0954	20.95/.825	F810	7125A UL
	CAMS						
5C1195S STD	1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/.0693	16.00/.630	F23	7197
	2,5	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/.0642	16.13/.635	F23	7198
	3,4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	16.000/.6299	16.00/.630	F23	7199

7 Engine			Year	Cyl	Bore x Stroke	7
122ci (2.0L) (Chev) Inline4 OHV 2v VIN Code 1			01/1987 - 12/1989	L4	3.50in x 3.15in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B745A STD, 010, 020, 030, 040, 060	CONROD	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F810	2370A IH
	MAINS						
5M7124A STD, .25, .50, .75, 1.0	1,2,3,5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/.0954	18.72/.737	F810	7123A IH
	4	63.358/2.4944 63.383/2.4954	68.250/2.6870 68.275/2.6880	2.423/.0954	23.93/.942	F810	7124A(F) IH
	CAMS						
5C1195S STD	1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/.0693	16.00/.630	F23	7197
	2,5	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/.0642	16.13/.635	F23	7198
	3,4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	16.000/.6299	16.00/.630	F23	7199

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8	Engine	Year	Cyl	Bore x Stroke	8
	122ci (2.0L) (Chev) Inline4 DOHC VIN Code E,O	01/1975 - 12/1976	L4	3.50in x 3.16in	
	140ci (2.3L) (Chev) Inline4 SOHC 2v VIN Code A,B	01/1971 - 12/1976	L4	3.50in x .14in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B745A STD, 010, 020, 030, 040, 060		50.775/1.9990	53.967/2.1247	1.577/.0621	21.38/.842	F810	2370A
		50.800/2.0000	53.980/2.1252				IH
MAINS							
5M1050A STD, 010, 020	1,2,3	58.377/2.2983	63.261/2.4906	2.426/.0955	20.50/.807	F810	7243A
		58.402/2.2993	63.287/2.4916				UL
	4	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F810	7244A(F)
		58.402/2.2993	63.287/2.4916				UL
	5	58.377/2.2983	63.261/2.4906	2.426/.0955	22.88/.901	F810	7245A
		58.402/2.2993	63.287/2.4916				UL
CAMS							
5C716S STD	1	57.942/2.2812	61.265/2.4120	1.633/.0643	17.40/.685	F23	5326
		57.968/2.2822	61.290/2.4130				
	2,3,4,5	57.942/2.2812	61.265/2.4120	1.633/.0643	17.40/.685	F23	5327
		57.968/2.2822	61.290/2.4130				

9	Engine	Year	Cyl	Bore x Stroke	9
	122ci (2.0L) LSJ Ecotec (Chev) I4 DOHC 4v S/C	01/2004 - On	L4	86.0mm x 86.0mm	
	134ci (2.2L) L61 Ecotec (Chev) Inline4 DOHC 4v	01/2000 - On	L4	86.0mm x 94.6mm	
	146ci (2.4L) LE5 Ecotec (Chev) Inline4 DOHC 4v	01/2006 - On	L4	88.0mm x 98.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2296A STD, 25, 50, 75		49.000/1.9291	52.118/2.0519	1.542/.0607	20.30/.799	F810	2296A
		49.014/1.9297	52.134/2.0525				IH
MAINS							
5M2232A STD, 10, 20	1,3,4,5	55.991/2.2044	64.066/2.5223	4.036/.1589	19.79/.779	F810	7320A
		56.007/2.2050	64.081/2.5229				UL
	2	55.991/2.2044	64.066/2.5223	4.041/.1591	25.88/1.019	F810	7321A(F)
		56.007/2.2050	64.081/2.5229				UL
BALANCE							
1B52002S STD	Rear	36.720/1.4457	40.762/1.6048	2.004/.0789	26.00/1.024	F23	7345
		36.741/1.4465	40.775/1.6053				

10	Engine	Year	Cyl	Bore x Stroke	10
	169ci (2.8L) LK5 (Chev) Inline4 DOHC 4v	01/2004 - 12/2006	L4	93.0mm x 102.0mm	
	178ci (2.9L) LLV (Chev) Inline4 DOHC 4v	01/2007 - 12/2012	L4	95.5mm x 102.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2290A STD, 25, 50, 75, 1.00		56.691/2.2319	60.322/2.3749	1.802/.0709	20.75/.817	F810	2290A
		56.707/2.2326	60.338/2.3755				IH
MAINS							
5M2224A STD, 010, 020	1,2,4,5	69.967/2.7546	78.069/3.0736	4.044/.1592	20.68/.814	F810	7308A
		69.982/2.7552	78.087/3.0743				UL
	3	69.967/2.7546	78.069/3.0736	4.044/.1592	25.35/.998	F810	7309A(F)
		69.982/2.7552	78.087/3.0743				UL
CAMS							
4C7300 STD	L Centre		48.136/1.8951		22.20/.874	F23	7300
			48.156/1.8959				
	L Front		47.417/1.8668		22.20/.874	F23	7301
			47.434/1.8675				
	R Centre		41.272/1.6249		22.20/.874	F23	7302
			41.293/1.6257				



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10 Continued ... 10

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4C7300 STD	R Front		40.551/1.5965 40.571/1.5973		22.20/.874	F23	7303
PISTON PIN BUSH <i>Was AB3664.</i>							
RB3664 UNB		22.997/.9054 23.000/.9055		1.372/.0540	23.75/.935	F100	RB3664

11 Engine Year Cyl Bore x Stroke 11

189ci (3.1L) (Chev) V6 OHV 2v <i>VIN Code D,J,T</i>	01/1988 - 12/2005	V6	
207ci (3.4L) (Chev) V6 OHV 2v <i>VIN Code E,S</i>	01/1993 - 12/2005	V6	92.0mm x 84.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
6B1238A STD, 01, 10, 20, 30, 40		50.759/1.9984 50.785/1.9994	53.962/2.1245 53.988/2.1255	1.575/.0620	18.29/.720	F810	7116A IH
MAINS <i>For engines 1985 on with 67.2mm large journal design.</i>							
4M2037A STD, .25, .50, .75, 1.00		67.239/2.6472	72.149/2.8405	2.426/.0955	18.75/.738	F810	7238A UL
		67.264/2.6482	72.174/2.8415				
		67.239/2.6472	72.149/2.8405	2.426/.0955	23.93/.942	F810	7239A(F) UL
		67.264/2.6482	72.174/2.8415				
		67.239/2.6472	72.149/2.8405	2.426/.0955	24.80/.976	F810	7237A UL
	67.264/2.6482	72.174/2.8415					
CAMS							
4C1102S STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7207
		47.490/1.8697	51.079/2.0110				
	2,3	47.440/1.8677	50.775/1.9990	1.630/.0642	16.13/.635	F23	7198
		47.490/1.8697	50.825/2.0010				
	4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199
		47.490/1.8697	51.079/2.0110				
CAMS <i>Alternative to 4C1102S with 18.42mm/0.725" wide #2 & #3 bushes.</i>							
4C1102SW STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7197
		47.490/1.8697	51.079/2.0110				
	2,3	47.440/1.8677	51.029/2.0090	1.760/.0693	18.42/.725	F23	7208
		47.490/1.8697	51.079/2.0110				
	4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199
		47.490/1.8697	51.079/2.0110				

12 Engine Year Cyl Bore x Stroke 12

207ci (3.4L) (Chev) V6 DOHC 4v <i>VIN Code X</i>	01/1991 - 12/1997	V6	92.0mm x 84.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
6B1238A STD, 01, 10, 20, 30, 40		50.759/1.9984 50.785/1.9994	53.962/2.1245 53.988/2.1255	1.575/.0620	18.29/.720	F810	7116A IH
MAINS <i>For engines 1985 on with 67.2mm large journal design.</i>							
4M2037A STD, .25, .50, .75, 1.00		67.239/2.6472	72.149/2.8405	2.426/.0955	23.93/.942	F810	7239A(F) UL
		67.264/2.6482	72.174/2.8415				
		67.239/2.6472	72.149/2.8405	2.426/.0955	24.80/.976	F810	7237A UL
		67.264/2.6482	72.174/2.8415				
		67.239/2.6472	72.149/2.8405	2.426/.0955	18.75/.738	F810	7238A UL
	67.264/2.6482	72.174/2.8415					

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13	Engine	Year	Cyl	Bore x Stroke	13
	256ci (4.2L) LL8 Vortec (Chev) Inline6 DOHC 4v	01/2002 - 12/2009	L6	93.0mm x 102.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2290A STD, .25, .50, .75, 1.00		56.691/2.2319	60.322/2.3749	1.802/.0709	20.75/.817	F810	2290A
		56.707/2.2326	60.338/2.3755				IH
MAINS							
7M2224A STD, 010, 020	1,2,3,4,6,7	69.967/2.7546	78.069/3.0736	4.044/.1592	20.68/.814	F810	7308A
		69.982/2.7552	78.087/3.0743				UL
	5	69.967/2.7546	78.069/3.0736	4.044/.1592	25.35/.998	F810	7309A(F)
		69.982/2.7552	78.087/3.0743				UL
PISTON PIN BUSH <i>Was AB3664.</i>							
RB3664 UNB		22.997/.9054 23.000/.9055		1.372/.0540	23.75/.935	F100	RB3664

14	Engine	Year	Cyl	Bore x Stroke	14
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262ci (4.3L) (Chev) V8 OHV 2v <i>VIN Code G</i>	01/1975 - 12/1976	V8	3.67in x 3.10in
265ci (4.3L) L99 (Chev) V8 OHV 2v <i>VIN Code W</i>	01/1994 - 12/1996	V8	3.75in x 3.00in
267ci (4.4L) (Chev) V8 OHV 2v <i>VIN Code J</i>	01/1979 - 12/1982	V8	3.50in x 3.48in
302ci (5.0L) Large Pin (Chev) V8 OHV 2v	01/1968 - 12/1968	V8	4.00in x 3.00in
305ci (5.0L) V8 (Chev) OHV 2v	01/1977 - 12/2002	V8	3.74in x 3.48in
307ci (5.0L) V8 (Chev) OHV 2v	01/1968 - 12/1973	V8	3.88in x 3.25in
327ci (5.4L) Large Pin (Chev) V8 OHV 2v	01/1968 - 12/1969	V8	4.00in x 3.25in
350ci (5.7L) (Chev) V8 OHV 2v	01/1967 - 12/2002	V8	4.00in x 3.48in
350ci (5.7L) Vortec (Chev) V8 OHV 2v	01/1995 - 12/2003	V8	101.6mm x 88.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B663A STD, 01, 10, 20, 30, 40		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F810	2376A
		53.340/2.1000	56.520/2.2252				IH
RACE SERIES							
8B663H STD, 001, 009, 010, 011, 020		53.315/2.0990	56.507/2.2247	1.572/.0619	21.25/.837	F781	2376H
		53.340/2.1000	56.520/2.2252				UL
RACE SERIES							
8B663HD STD, 001, 010		<i>Dowel hole in upper half.</i>					
		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F781	2376HD
		53.340/2.1000	56.520/2.2252				L
		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F781	2376H
		53.340/2.1000	56.520/2.2252				U
RACE SERIES							
8B663HX STD		<i>0.001" extra oil clearance on STD journal.</i>					
		53.315/2.0990	56.507/2.2247	1.559/.0614	21.25/.837	F781	2376HX
		53.340/2.1000	56.520/2.2252				UL
RACE SERIES							
8B663HXD STD		<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>					
		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HX
		53.340/2.1000	56.520/2.2252				U
		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HXD
		53.340/2.1000	56.520/2.2252				L
CONROD							
8B663P STD, 01, 10, 20, 30, 40		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F780	2376
		53.340/2.1000	56.520/2.2252				IH
MAINS							
5M909A STD, 01, 10, 20, 30, 40	1,2,3,4	62.189/2.4484	67.071/2.6406	2.426/.0955	20.50/.807	F810	2377A
		62.212/2.4493	67.094/2.6415				UL
	5	62.177/2.4479	67.071/2.6406	2.426/.0955	43.64/1.718	F810	2378A(F)
		62.200/2.4488	67.094/2.6415				UL
RACE SERIES							
5M909H STD, 001, 009, 010, 011, 020	1,2,3,4	62.189/2.4484	67.071/2.6406	2.423/.0954	20.50/.807	F780	2377H
		62.212/2.4493	67.097/2.6416				UL



14 Continued ...							14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M909H STD, 001, 009, 010, 011, 020	5	62.177/2.4479 62.199/2.4488	67.071/2.6406 67.097/2.6416	2.423/.0954	43.64/1.718	F780	2378H(F) UL
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
5M909HX STD	1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.097/2.6416	2.410/.0949	20.50/.807	F780	2377HX UL
	5	62.177/2.4479 62.199/2.4488	67.071/2.6406 67.097/2.6416	2.410/.0949	43.64/1.718	F780	2378HX(F) UL
5M909P STD, 010, 020, 030, 040	1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/.0955	20.50/.807	F780	2377 UL
	5	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/.0955	43.64/1.718	F780	2378(F) UL
5C3346C STD	1,2,3,4,5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F830	3346C
5C3349 STD	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/.0746	19.05/.750	F23	3349
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F23	3347
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F23	3346
5C3349C STD	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.894/.0746	19.05/.750	F830	3349C
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F830	3347C
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F830	3346C

15 Engine				Year	Cyl	Bore x Stroke	15
294ci (4.8L) LR4 Vortec (Chev) V8 OHV 2v <i>VIN Code V</i>				01/1999 - 12/2006	V8	96.0mm x 83.0mm	
325ci (5.3L) Vortec (Chev) V8 OHV 2v				01/1999 - 12/2010	V8	96.0mm x 92.0mm	
346ci (5.7L) LS1 (Chev) V8 OHV 2v				01/1997 - 12/2005	V8	99.0mm x 92.0mm	
346ci (5.7L) LS6 (Chev) V8 OHV 2v				01/2001 - 12/2005	V8	99.0mm x 92.0mm	
364ci (6.0L) Vortec (Chev) V8 OHV 2v				01/1999 - 12/2009	V8	101.6mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B663A STD, 01, 10, 20, 30, 40	CONROD	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F810	2376A IH
RACE SERIES	CONROD	<i>Dowel hole in upper half.</i>					
8B663H STD, 001, 009, 010, 011, 020		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.572/.0619	21.25/.837	F781	2376H UL
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
8B663HD STD, 001, 010		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376H U
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376HD L
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
8B663HX STD		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.559/.0614	21.25/.837	F781	2376HX UL
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>					
8B663HXD STD		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HX U
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HDXD L

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15 Continued ...							15
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B663P STD, 01, 10, 20, 30, 40	CONROD	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F780	2376 IH
5M7298A STD, 010, 020, 030, 040	MAINS 1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	20.45/.805	F810	7298A UL
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	26.10/1.028	F810	7299A(F) UL
RACE SERIES 5M7298H STD, 001, 010, 020	MAINS 1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	20.45/.805	F780	7298H UL
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	26.10/1.028	F780	7299H(F) UL
RACE SERIES 5M7298HX STD	MAINS 1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.417/.0952	20.45/.805	F780	7298HX UL
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.417/.0952	26.10/1.028	F780	7299HX(F) UL
5C1000S STD	CAMS	<i>1st design # 1 & 5 housing size of 2.3260"-2.3280".</i>					
	1,5	54.991/2.1650 55.042/2.1670	59.080/2.3260 59.131/2.3280	2.029/.0799	16.00/.630	F23	CH-10-1
	2,4	54.991/2.1650 55.042/2.1670	58.829/2.3161 58.879/2.3181	1.902/.0749	16.00/.630	F23	CH-10-2
	3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.778/.0700	16.00/.630	F23	CH-10-3
5C1001S STD	CAMS	<i>2nd design # 1 & 5 housing size of 2.3460"-2.3480".</i>					
	1,5	54.991/2.1650 55.042/2.1670	59.588/2.3460 59.639/2.3480	2.260/.0890	16.00/.630	F23	CH-23-1
	2,4	54.991/2.1650 55.042/2.1670	59.080/2.3260 59.131/2.3280	2.029/.0799	16.00/.630	F23	CH-10-1
	3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.778/.0700	16.00/.630	F23	CH-10-3

16 Engine				Year	Cyl	Bore x Stroke	16
302ci (5.0L) Small Pin (Chev) V8 OHV 2v				01/1967 - 12/1967	V8	4.00in x 3.00in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B745A STD, 010, 020, 030, 040, 060	CONROD	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F810	2370A IH
RACE SERIES 8B745H STD, 001, 010	CONROD	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F781	2370H UL
RACE SERIES 8B745HD STD, 001, 010	CONROD	<i>Dowel hole in upper half.</i>					
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F781	2370HD L
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F781	2370H U
RACE SERIES 8B745HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HX UL
RACE SERIES 8B745HXD STD	CONROD	<i>Dowel hole in upper half. 0.001" extra oil clearance on STD journal.</i>					
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HX U
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HXD L
8B745P STD, 010, 020, 030, 040, 060	CONROD	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F780	2370 IH



16 Continued ...							16	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M429A STD, 001, 010, 020, 030, 040	MAINS 1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/.0955	20.49/.807	F810	7132A UL	
	3	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.428/.0956	43.64/1.718	F810	7104A(F) UL	
	RACE SERIES 5M429H STD, 001, 010	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.423/.0954	20.49/.807	F780	2372H UL
	5	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.423/.0954	43.64/1.718	F780	7104H(F) UL	
RACE SERIES 5M429HX STD	MAINS 1,2,3,4	<i>0.001" extra oil clearance on STD journal.</i>		2.410/.0949	20.49/.807	F780	2372HX UL	
	5	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.410/.0949	43.64/1.718	F780	7104HX(F) UL	
	CAMS 1,2,3,4,5	<i>All housing bores constant at 1.9990"-2.000"/50.775-50.800mm (High Performance).</i>		1.641/.0646	19.05/.750	F830	3346C	
	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010						
5C3349 STD	CAMS 1	<i>= 5C2905. Standard housing bores.</i>		1.895/.0746	19.05/.750	F23	3349	
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F23	3347	
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F23	3346	
	CAMS 1	<i>Standard housing bores (High Performance).</i>		1.894/.0746	19.05/.750	F830	3349C	
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F830	3347C	
5C3349C STD	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F830	3346C	

17 Engine	Year	Cyl	Bore x Stroke	17
294ci (4.8L) LY2 Vortec (Chev) V8 OHV 2v <i>VIN Code C</i>	01/2007 - 12/2009	V8	96.0mm x 83.0mm	
364ci (6.0L) LFA Vortec Hybrid (Chev) V8 OHV 2v	01/2008 - On	V8	4.00in x 3.62in	
364ci (6.0L) LS2 (Chev) V8 OHV 2v	01/2005 - 12/2009	V8	101.6mm x 92.0mm	
376ci (6.2L) L99 (Chev) V8 OHV 2v	01/2010 - On	V8	4.07in x 3.62in	
376ci (6.2L) LS3 (Chev) V8 OHV 2v	01/2008 - On	V8	4.07in x 3.62in	
376ci (6.2L) Vortec (Chev) V8 OHV 2v	01/2007 - On	V8	103.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B663A STD, 01, 10, 20, 30, 40	CONROD	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F810	2376A IH
	RACE SERIES 8B663H STD, 001, 009, 010, 011, 020	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.572/.0619	21.25/.837	F781	2376H UL
RACE SERIES 8B663HD STD, 001, 010	CONROD	<i>Dowel hole in upper half.</i>		1.575/.0620	21.25/.837	F781	2376H U
	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376HD L	
	RACE SERIES 8B663HX STD	<i>0.001" extra oil clearance on STD journal.</i>		1.559/.0614	21.25/.837	F781	2376HX UL
	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252					

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17 Continued ...							17
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>					
8B663HXD STD		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HX U
		53.340/2.1000	56.520/2.2252				
		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HX L
		53.340/2.1000	56.520/2.2252				
8B663P STD, 01, 10, 20, 30, 40	CONROD	53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F780	2376 IH
		53.340/2.1000	56.520/2.2252				
5M7298A STD, 010, 020, 030, 040	MAINS	64.993/2.5588	69.873/2.7509	2.430/.0957	20.45/.805	F810	7298A UL
	1,2,4,5	65.007/2.5593	69.887/2.7515				
	3	64.993/2.5588	69.873/2.7509	2.430/.0957	26.10/1.028	F810	7299A(F) UL
		65.007/2.5593	69.887/2.7515				
RACE SERIES 5M7298H STD, 001, 010, 020	MAINS	64.993/2.5588	69.873/2.7509	2.430/.0957	20.45/.805	F780	7298H UL
	1,2,4,5	65.007/2.5593	69.887/2.7515				
	3	64.993/2.5588	69.873/2.7509	2.430/.0957	26.10/1.028	F780	7299H(F) UL
		65.007/2.5593	69.887/2.7515				
RACE SERIES 5M7298HX STD	MAINS	64.993/2.5588	69.873/2.7509	2.417/.0952	20.45/.805	F780	7298HX UL
	1,2,4,5	65.007/2.5593	69.887/2.7515				
	3	64.993/2.5588	69.873/2.7509	2.417/.0952	26.10/1.028	F780	7299HX(F) UL
		65.007/2.5593	69.887/2.7515				
5C1001S STD	CAMS	<i>2nd design # 1 & 5 housing size of 2.3460"-2.3480".</i>					
	1,5	54.991/2.1650	59.588/2.3460	2.260/.0890	16.00/.630	F23	CH-23-1
		55.042/2.1670	59.639/2.3480				
	2,4	54.991/2.1650	59.080/2.3260	2.029/.0799	16.00/.630	F23	CH-10-1
		55.042/2.1670	59.131/2.3280				
	3	54.991/2.1650	58.580/2.3063	1.778/.0700	16.00/.630	F23	CH-10-3
		55.042/2.1670	58.631/2.3083				

18 Engine	Year	Cyl	Bore x Stroke	18
379ci (6.2L) (Chev) V8 OHV 2v Diesel <i>VIN Codes C, J</i>	01/1982 - 12/1993	V8	4.0mm x 3.8mm	
395ci (6.5L) (Chev) V8 OHV 2v Diesel <i>VIN Codes P, Y</i>	01/1994 - 12/1999	V8	103.0mm x 97.0mm	
395ci (6.5L) (Chev) V8 OHV 2v Turbo Diesel <i>VIN Codes F, S</i>	01/1992 - 02/2002	V8	102.9mm x 97.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B1286A STD, .025, .25, .50, .75	CONROD	60.914/2.3982	64.125/2.5246	1.570/.0618	22.89/.901	F810	1292 IH
		60.940/2.3992	64.150/2.5256				
5M1563P STD, .025, .25, .50, .75, 1.00	MAINS	<i>Positions 1,2,3,4 have grooved upper with 1 oil hole, and plain lower halves.</i>					
	1,2,4	74.917/2.9495	79.825/3.1427	2.425/.0955	22.78/.897	F780	7240 UL
		74.940/2.9504	79.850/3.1437				
	3	74.917/2.9495	79.825/3.1427	2.425/.0955	28.70/1.130	F780	7241(F) UL
		74.940/2.9504	79.850/3.1437				
	5	74.912/2.9493	79.825/3.1427	2.425/.0955	35.33/1.391	F780	7242 UL
		74.937/2.9503	79.850/3.1437				
5M2091P STD, .025, .25, .50, .75, 1.00	MAINS	<i>Positions 1,2,3,4 have grooved upper with 3 oil holes, and plain lower halves.</i>					
	1,2,4	74.917/2.9495	79.825/3.1427	2.426/.0955	22.78/.897	F780	2087 UL
		74.940/2.9504	79.850/3.1437				
	3	74.917/2.9495	79.825/3.1427	2.426/.0955	28.70/1.130	F780	2089(F) UL
		74.940/2.9504	79.850/3.1437				
	5	74.912/2.9493	79.825/3.1427	2.426/.0955	35.33/1.391	F780	2088 UL
		74.938/2.9503	79.850/3.1437				



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18 Continued ...							18
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CAMS							
5C1199S STD, 010	1	54.976/2.1644 55.024/2.1663	59.106/2.3270 59.157/2.3290	2.030/.0799	22.86/.900	F23	5302
	2	54.976/2.1644 55.024/2.1663	58.877/2.3180 58.928/2.3200	1.910/.0752	19.81/.780	F23	5303
	3	54.976/2.1644 55.024/2.1663	58.623/2.3080 58.674/2.3100	1.790/.0705	19.81/.780	F23	5304
	4	54.976/2.1644 55.024/2.1663	58.369/2.2980 58.420/2.3000	1.660/.0654	19.81/.780	F23	5305
	5	50.975/2.0069 51.026/2.0089	54.381/2.1410 54.432/2.1430	1.660/.0654	19.81/.780	F23	5306
PISTON PIN BUSH							
RB3864Y20			33.096/1.3030 33.134/1.3045	1.430/.0563	25.43/1.001	F100	RB3864Y20

19 Engine	Year	Cyl	Bore x Stroke	19
376ci (6.2L) LS9 (Chev) V8 OHV 2v S/Charged	01/2009 - On	V8	4.07in x 3.62in	
376ci (6.2L) LSA (Chev) V8 OHV 2v S/Charged	01/2009 - On	V8	4.07in x 3.62in	
427ci (7.0L) LS7 (Chev) V8 OHV 2v	01/2006 - 12/2010	V8	4.13in x 4.00in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B663A STD, 01, 10, 20, 30, 40		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F810	2376A IH
	RACE SERIES						
8B663H STD, 001, 009, 010, 011, 020		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.572/.0619	21.25/.837	F781	2376H UL
	RACE SERIES						
<i>Dowel hole in upper half.</i>							
8B663HD STD, 001, 010		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376H U
	RACE SERIES						
8B663HD STD, 001, 010		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376HD L
	RACE SERIES						
<i>0.001" extra oil clearance on STD journal.</i>							
8B663HX STD		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.559/.0614	21.25/.837	F781	2376HX UL
	RACE SERIES						
<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>							
8B663HXD STD		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HX U
	RACE SERIES						
8B663HXD STD		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HXD L
	RACE SERIES						
CONROD							
8B663P STD, 01, 10, 20, 30, 40		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F780	2376 IH
	RACE SERIES						
CAMS							
<i>2nd design # 1 & 5 housing size of 2.3460"-2.3480".</i>							
5C1001S STD	1,5	54.991/2.1650 55.042/2.1670	59.588/2.3460 59.639/2.3480	2.260/.0890	16.00/.630	F23	CH-23-1
	2,4	54.991/2.1650 55.042/2.1670	59.080/2.3260 59.131/2.3280	2.029/.0799	16.00/.630	F23	CH-10-1
	3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.778/.0700	16.00/.630	F23	CH-10-3

20 Engine	Year	Cyl	Bore x Stroke	20
496ci (8.1L) Gen IV Vortec V8 OHV 2v VIN Codes E, G	01/2001 - 12/2007	V8	108.0mm x 111.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B743A STD, 01, 10, 20, 30, 40		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/.0620	22.58/.889	F810	7100A IH
	RACE SERIES						

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20 Continued ...							20		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
RACE SERIES 8B743H STD, 001, 009, 010, 011, 020	CONROD	55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.572/.0619	22.58/.889	F781	7100H UL		
RACE SERIES 8B743HD STD, 001, 010	CONROD	<i>Dowel hole in upper half.</i>		55.855/2.1990 55.880/2.2000 55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252 59.047/2.3247 59.060/2.3252	1.572/.0619 1.572/.0619	22.58/.889 22.58/.889	F781 F781	7100HD L 7100H U
RACE SERIES 8B743HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.559/.0614	22.58/.889	F781	7100HX UL
RACE SERIES 8B743HDX STD	CONROD	<i>Dowel hole in upper half. 0.001" extra oil clearance on STD journal.</i>		55.855/2.1990 55.880/2.2000 55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252 59.047/2.3247 59.060/2.3252	1.559/.0614 1.559/.0614	22.58/.889 22.58/.889	F781 F781	7100HX U 7100HDX L
8B743P STD, 001, 010, 020, 030, 040,	CONROD	55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/.0620	22.58/.889	F780	7100 IH		
5M7218A STD, 010, 020	MAINS	1,2,3,4	69.804/2.7482 69.845/2.7498	74.607/2.9373 74.620/2.9378	2.388/.0940	26.59/1.047	F810	7218A UL	
		5	69.804/2.7482 69.845/2.7498	74.607/2.9373 74.620/2.9378	2.388/.0940	46.00/1.811	F810	7219A(F) UL	
5C616S STD, STD, STD, 010	CAMS	1	49.497/1.9487 49.522/1.9497	54.343/2.1395 54.369/2.1405	2.390/.0941	21.84/.860	F23	7247	
		2,5	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.263/.0891	24.89/.980	F23	7248	
		3,4	49.497/1.9487 49.522/1.9497	53.835/2.1195 53.861/2.1205	2.136/.0841	24.89/.980	F23	7249	

21 Engine	Year	Cyl	Bore x Stroke	21
170ci (2.8L) LAU (HFV6) (Cadi) V6 DOHC 4v Turbo	01/2010 - 12/2011	V6	89.0mm x 74.8mm	
170ci (2.8L) LP1 (HFV6) (Cadi) V6 DOHC 4v	01/2005 - 12/2007	V6	89.0mm x 74.8mm	
170ci (2.8L) LP9 (HFV6) (Cadi) V6 DOHC 4v Turbo	01/2006 - 12/2009	V6	89.0mm x 74.8mm	
183ci (3.0L) LF1 (HFV6) (Cadi) V6 DOHC 4v	01/2010 - On	V6	89.0mm x 80.3mm	
183ci (3.0L) LF1 (HFV6) (Chev) V6 DOHC 4v	01/2010 - On	V6	89.0mm x 80.3mm	
217ci (3.6L) LFX (HFV6) (Cadi) V6 DOHC 4v	01/2012 - On	V6	94.0mm x 85.6mm	
217ci (3.6L) LFX (HFV6) (Chev) V6 DOHC 4v	01/2012 - On	V6	94.0mm x 85.6mm	
217ci (3.6L) LLT (HFV6) (Cadi) V6 DOHC 4v	01/2008 - On	V6	94.0mm x 85.6mm	
217ci (3.6L) LLT (HFV6) (Chev) V6 DOHC 4v	01/2009 - On	V6	94.0mm x 85.6mm	
217ci (3.6L) LY7 (HFV6) (Cadi) V6 DOHC 4v	01/2004 - 12/2009	V6	94.0mm x 85.6mm	
217ci (3.6L) LY7 (HFV6) (Chev) V6 DOHC 4v	01/2008 - On	V6	94.0mm x 85.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
6B2270A STD, .25, .50, .75, 1.00	CONROD	55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.801/.0709	18.55/.730	F810	2270A IH		
RACE SERIES 6B2270H Std, .025, .25	CONROD	55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.798/.0708	18.55/.730	F781	2270H IH		
RACE SERIES 6B2270HX Std	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.785/.0703	18.55/.730	F781	2270HX IH
4M2273A STD, .25, .50, .75, 1.00	MAINS	1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	19.75/.778	F810	2273A UL	



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21 Continued ...							21
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4M2273A STD, .25, .50, .75, 1.00	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	24.29/.956	F810	2274A(F) U
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	19.75/.778	F810	2273A L
RACE SERIES		MAINS					
4M2273H Std, .025, .25	1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	19.75/.778	F780	2273H UL
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	19.75/.778	F780	2273H L
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	24.29/.956	F780	2274H(F) U
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	24.29/.956	F780	2274H(F) U
RACE SERIES		MAINS					
4M2273HX Std	1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	19.75/.778	F780	2273HX UL
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	19.75/.778	F770	2273HX L
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	24.29/.956	F780	2274HX(F) U
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	24.29/.956	F780	2274HX(F) U

22 Engine				Year	Cyl	Bore x Stroke	22
262ci (4.3L) (Chev) V6 OHV 2v <i>VIN Code B,N,Z</i>				01/1985 - 12/1996	V6	4.00in x 3.48in	
262ci (4.3L) (Chev) V6 OHV 2v Turbo <i>VIN Code Z</i>				01/1991 - 12/1993	V6	101.6mm x 88.4mm	
262ci (4.3L) Vortec (Chev) V6 OHV 2v <i>VIN Codes W,X</i>				01/1992 - 12/2010	V6	4.00in x 3.48in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1358A STD, 001, 10, 20, 30, 40		57.130/2.2492 57.145/2.2498	60.317/2.3747 60.342/2.3757	1.575/.0620	18.92/.745	F810	7111A IH
MAINS							
4M1454A STD, 01, 10, 20, 30, 40	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/.0955	20.50/.807	F810	2377A UL
	4	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/.0955	43.64/1.718	F810	2378A(F) UL
CAMS							
<i>For engines without ID number starting with 'T' on front of block.</i>							
4C1089S STD	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/.0746	19.05/.750	F23	3349
	2,4	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F23	3347
	3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F23	3346
CAMS							
<i>For engines with ID number starting with 'T' on front of block.</i>							
4C1351S STD	1,4	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/.0746	19.05/.750	F23	3349
	2	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F23	3347
	3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F23	3346
BALANCE							
1BS1400S STD		38.064/1.4986 38.100/1.5000	47.587/1.8735 47.612/1.8745	4.724/.1860	21.21/.835	F23	5344

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23	Engine	Year	Cyl	Bore x Stroke	23
	189ci (3.1L) (Chev) V6 OHV 2v VIN Code M	01/1993 - 12/1999	V6	89.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
6B1238A STD, 01, 10, 20, 30, 40		50.759/1.9984	53.962/2.1245	1.575/.0620	18.29/.720	F810	7116A	
		50.785/1.9994	53.988/2.1255				IH	
MAINS								
4M7189A STD, .25, .50, .75, 1.0	1,4	67.239/2.6472	72.149/2.8405	2.437/.0959	24.80/.976	F810	7187A	
		67.264/2.6482	72.174/2.8415				UL	
	2	67.239/2.6472	72.149/2.8405	2.437/.0959	18.75/.738	F810	7188A	
		67.264/2.6482	72.174/2.8415				UL	
	3	67.239/2.6472	72.149/2.8405	2.437/.0959	23.93/.942	F810	7189A(F)	
		67.264/2.6482	72.174/2.8415				U	
	3	67.239/2.6472	72.149/2.8405	2.437/.0959	18.75/.738	F810	7188A	
		67.264/2.6482	72.174/2.8415				L	
CAMS								
4C1102S STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7207	
		47.490/1.8697	51.079/2.0110					
	2,3	47.440/1.8677	50.775/1.9990	1.630/.0642	16.13/.635	F23	7198	
		47.490/1.8697	50.825/2.0010					
	4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199	
		47.490/1.8697	51.079/2.0110					
	<i>Alternative to 4C1102S with 18.42mm/0.725" wide #2 & #3 bushes.</i>							
	4C1102SW STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7197
		47.490/1.8697	51.079/2.0110					
2,3		47.440/1.8677	51.029/2.0090	1.760/.0693	18.42/.725	F23	7208	
		47.490/1.8697	51.079/2.0110					
4		47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199	
		47.490/1.8697	51.079/2.0110					

24	Engine	Year	Cyl	Bore x Stroke	24
	211ci (3.5L) L52 (Chev) Inline5 DOHC 4v 223ci (3.7L) LLR (Chev) Inline5 DOHC 4v	01/2004 - 12/2006 01/2007 - 12/2012	L5 L5	93.0mm x 102.0mm 95.5mm x 102.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
5B2290A STD, .25, .50, .75, 1.00		56.691/2.2319	60.322/2.3749	1.802/.0709	20.75/.817	F810	2290A
		56.707/2.2326	60.338/2.3755				IH
MAINS							
6M2224A STD, 010, 020	1,2,3,5,6,7	69.967/2.7546	78.069/3.0736	4.044/.1592	20.68/.814	F810	7308A
		69.982/2.7552	78.087/3.0743				UL
	4	69.967/2.7546	78.069/3.0736	4.044/.1592	25.35/.998	F810	7309A(F)
		69.982/2.7552	78.087/3.0743				UL
CAMS							
4C7300 STD	L Centre		48.136/1.8951		22.20/.874	F23	7300
			48.156/1.8959				
	L Front		47.417/1.8668		22.20/.874	F23	7301
			47.434/1.8675				
	R Centre		41.272/1.6249		22.20/.874	F23	7302
			41.293/1.6257				
	R Front		40.551/1.5965		22.20/.874	F23	7303
			40.571/1.5973				
PISTON PIN BUSH <i>Was AB3664.</i>							
RB3664 UNB		22.997/.9054		1.372/.0540	23.75/.935	F100	RB3664
		23.000/.9055					



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25 Engine		Year		Cyl	Bore x Stroke	25	
151ci (2.5L) (Pontiac) Inline4 2v		01/1977 - 12/1993		L4	4.00in x 3.00in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Supercedes 4B610P.</i>							
4B610A STD, 10, 20, 30, 40		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A
		50.813/2.0005	53.980/2.1252				IH
MAINS <i>Standard width thrust for all undersizes.</i>							
5M1733A STD, 01, 10, 20, 30, 40	1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
		58.402/2.2993	63.287/2.4916				UL
	5	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F810	7133A(F)
		58.402/2.2993	63.287/2.4916				UL
MAINS <i>For VIN U engines only. Was 5M1643A.</i>							
5M7157A STD, 010, 020, 030, 040	1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
		58.402/2.2993	63.287/2.4916				U
	1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7157A
		58.402/2.2993	63.287/2.4916				L
	5	58.377/2.2983	63.261/2.4906	2.426/.0955	23.93/.942	F810	7159A(F)
		58.402/2.2993	63.287/2.4916				UL
CAMS							
3C1030S STD		47.452/1.8682	50.775/1.9990	1.638/.0645	22.10/.870	F23	5157
		47.478/1.8692	50.825/2.0010				
CAMS <i>For VIN U engine only.</i>							
3C1305S STD	1,2,3	47.452/1.8682	50.775/1.9990	1.640/.0646	18.16/.715	F23	7346
		47.478/1.8692	50.825/2.0010				
26 Engine		Year		Cyl	Bore x Stroke	26	
194ci (3.2L) (Chev) Inline6 OHV 2v		01/1962 - 12/1967		L6	3.56in x 3.25in		
215ci (3.5L) (Pontiac) Inline6 OHV 2v		01/1964 - 12/1965		L6	3.75in x 3.25in		
230ci (3.8L) (Chev) Inline6 OHV 2v		01/1963 - 12/1970		L6	3.88in x 3.25in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B745A STD, 010, 020, 030, 040, 060		50.775/1.9990	53.967/2.1247	1.577/.0621	21.38/.842	F810	2370A
		50.800/2.0000	53.980/2.1252				IH
MAINS <i>Standard width flanges for all undersizes.</i>							
7M617A STD, 010, 020, 030, 040	1,2,3,4,5,6	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
		58.402/2.2993	63.287/2.4916				UL
	7	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F810	7133A(F)
		58.402/2.2993	63.287/2.4916				UL
CAMS							
4C399S STD	1,4	47.452/1.8682	51.029/2.0090	1.763/.0694	21.97/.865	F23	5330
		47.478/1.8692	51.079/2.0110				
	2,3	47.425/1.8671	50.775/1.9990	1.636/.0644	21.97/.865	F23	5331
		47.478/1.8692	50.825/2.0010				
27 Engine		Year		Cyl	Bore x Stroke	27	
265ci (4.3L) (Pontiac) V8 OHV 2v <i>VIN Code S</i>		01/1980 - 12/1981		V8	3.75in x 3.00in		
301ci (4.9L) (Pontiac) V8 OHV 2v <i>VIN Codes W,Y</i>		01/1977 - 12/1981		V8	4.00in x 3.00in		
301ci (4.9L) (Pontiac) V8 OHV 2v Turbo <i>VIN Code T</i>		01/1980 - 12/1981		V8	4.00in x .12in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B610A STD, 010, 020, 030, 040		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A
		50.813/2.0005	53.980/2.1252				IH
MAINS							
5M1415A STD, 010, 020, 030, 040	1,2,3	76.187/2.9995	80.975/3.1880	2.375/.0935	21.97/.865	F810	7134A
		76.213/3.0005	81.001/3.1890				UL

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27 Continued ...							27
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1415A STD, 010, 020, 030, 040	4	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/.0935	26.87/1.058	F810	7135A(F) UL
	5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/.0938	40.38/1.590	F810	7136A UL
CAMS							
5C292S STD	1,2,3,4,5	48.240/1.8992 48.252/1.8997	51.554/2.0297 51.605/2.0317	1.640/.0646	17.40/.685	F23	5300

28 Engine	Year	Cyl	Bore x Stroke	28
110ci (1.8L) (Pontiac) Inline4 SOHC 2v <i>VIN Code O</i>	01/1982 - 12/1986	L4	84.8mm x 79.5mm	
110ci (1.8L) (Pontiac) Inline4 SOHC 2v Turbo <i>VIN Code J</i>	01/1984 - 12/1986	L4	84.8mm x 79.5mm	
122ci (2.0L) (Pontiac) Inline4 SOHC 2v <i>VIN Code H,K</i>	01/1987 - 12/1994	L4	86.0mm x 86.0mm	
122ci (2.0L) (Pontiac) Inline4 SOHC 2v Turbo <i>VIN Code M</i>	01/1987 - 12/1990	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
4B2322A STD, .25, .50, .75, 1.00		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2322A UL
	RACE SERIES						
4B2322H STD, .025, .25, .50		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL
	RACE SERIES						
CONROD <i>0.001" extra oil clearance on STD journal.</i>							
4B2322HX STD		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.485/.0585	19.30/.760	F781	2322HX UL
	MAINS						
<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>							
5M2327A STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F810	2327A IH
	3	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	25.90/1.020	F810	2328A(F) IH
	MAINS						
<i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>							
5M2329A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F810	2327A IH
	3	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	25.90/1.020	F810	2329A(F) IH
	MAINS						

29 Engine	Year	Cyl	Bore x Stroke	29
1.0L S-TEC (Chev) Inline4 SOHC 2v	01/2002 - On	L4	68.5mm x 67.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>= 4B8341A</i>							
4B1266A STD, .25, .50, .75, 1.00		37.982/1.4954 38.000/1.4961	40.998/1.6141 41.017/1.6148	1.490/.0587	18.00/.709	F810	1266A IH
	MAINS						
5M1267A STD, .25, .50, .75, 1.00	1,2,3,4,5	43.982/1.7316 44.000/1.7323	47.998/1.8897 48.018/1.8905	1.993/.0785	17.13/.674	F810	1267A IH
	THRUST						
1T8337 STD		52.000/2.0472 52.250/2.0571	67.700/2.6653 67.900/2.6732		2.52/.099	F250	8337T IH



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30	Engine	Year	Cyl	Bore x Stroke	30		
	231ci (3.8L) (Buick) V6 OHV 2v Supercharged VIN Code 1	01/1992 - 12/2005	V6	90.5mm x 100.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Same as 6B1443A.</i>							
6B2306A STD, 001, 010, 020		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.570/.0618	18.30/.721	F810	2306A IH
RACE SERIES 6B2306H STD, 001, 010, 020	CONROD	57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.568/.0617	18.30/.720	F781	2306H IH
RACE SERIES 6B2306HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.555/.0612	18.30/.720	F781	2306HX IH
6B2306P STD, 010, 020, 030, 040	CONROD	<i>18.30mm wide. VN series 2, VP, VR, VS, VT, VX, VY.</i>					
		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.570/.0618	18.30/.720	F780	2306 IH
4M2022A STD, 010, 020, 030, 040	MAINS						
	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2299A L
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A U
	2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	26.87/1.058	F810	2303A(F) UL
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2309A L
4M2302A STD, 010, 020, 030, 040	MAINS	<i>= 4M1822A. Suits VN Series 2 and VP.</i>					
	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A L
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A U
	2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	26.87/1.058	F810	2303A(F) UL
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2305A L
4M2309A STD, 010, 020, 030, 040	MAINS	<i>Was 4M2021A. Suits VR.</i>					
	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A L
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A U
	2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	26.87/1.058	F810	2303A(F) UL
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2309A L
4C1246S STD	CAMS	<i>For engines with 20 bolt oil pan.</i>					
	1,4	45.339/1.7850 45.364/1.7860	49.162/1.9355 49.213/1.9375	1.890/.0744	19.18/.755	F23	5102
	2,3	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	15.88/.625	F23	5104
4C1812S STD	CAMS						
	1,4	46.858/1.8448 46.893/1.8462	50.686/1.9955 50.711/1.9965	1.882/.0741	18.92/.745	F23	5336
	2,3	46.858/1.8448 46.893/1.8462	50.178/1.9755 50.228/1.9775	1.628/.0641	16.00/.630	F23	5337

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31 Engine				Year	Cyl	Bore x Stroke	31
213ci (3.5L) LX9 (Chev) V6 OHV 2v VIN Code 8				01/2004 - 12/2008	V6	94.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B7231A STD, .25	CONROD	57.122/2.2489	60.315/2.3746	1.580/.0622	19.50/.768	F810	7231A IH
		57.137/2.2495	60.338/2.3755				
4M7234A STD, .25	MAINS	67.241/2.6473	72.154/2.8407	2.438/.0960	24.94/.982	F810	7233A UL
		67.257/2.6479	72.169/2.8413				
		67.241/2.6473	72.154/2.8407	2.438/.0960	19.84/.781	F810	7234A UL
		67.257/2.6479	72.169/2.8413				
		67.241/2.6473	72.151/2.8406	2.433/.0958	23.93/.942	F810	7235A(F) UL
67.264/2.6482	72.174/2.8415						
67.241/2.6473	72.154/2.8407	2.438/.0960	24.94/.982	F810	7236A UL		
67.257/2.6479	72.169/2.8413						

32 Engine				Year	Cyl	Bore x Stroke	32
214ci (3.5L) LZ4 (Chev) V6 OHV 2v VIN Code N				01/2006 - 12/2009	V6	99.0mm x 76.0mm	
237ci (3.9L) LZ9 (Chev) V6 OHV 2v VIN Code 1				01/2006 - 12/2009	V6	99.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B7231A STD, .25	CONROD	57.122/2.2489	60.315/2.3746	1.580/.0622	19.50/.768	F810	7231A IH
		57.137/2.2495	60.338/2.3755				

33 Engine				Year	Cyl	Bore x Stroke	33
122ci (2.0L) XK620 E-TEC (Daewoo) Inline6 DOHC 4v				01/2005 - On	L6	75.0mm x 75.2mm	
152ci (2.5L) XK625 E-TEC (Daewoo) Inline6 DOHC 4v				01/2005 - On	L6	77.0mm x 89.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B7230A STD, .25	CONROD			1.595/.0628	14.60/.575	F810	7230A IH
7M7232A STD, .25	MAINS	1,2,3,4,5,6,7		3.510/.1382	16.00/.630	F810	7232A UL

34 Engine				Year	Cyl	Bore x Stroke	34
146ci (2.4L) LD9 (Olds) Inline4 DOHC 4v VIN Code T				01/1996 - 12/2002	L4	90.0mm x 76.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1647A STD, .25, .50, .75, 1.00	CONROD	47.973/1.8887	51.173/2.0147	1.581/.0622	18.30/.721	F810	8520A IH
		47.998/1.8897	51.186/2.0152				
5M2056A STD, .25, .50, .75, 1.00	MAINS	1,2,4,5	60.000/2.3622	2.376/.0935	20.00/.787	F810	8517A UL
			60.023/2.3631				
		3	60.000/2.3622	2.376/.0935	27.74/1.092	F810	8518A(F) UL
		60.023/2.3631	64.798/2.5511				



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35	Engine	Year	Cyl	Bore x Stroke	35
	138ci (2.3L) Quad 4 (Olds) Inline4 DOHC 4v <i>VIN Code A,D</i>	01/1987 - 12/1995	L4	92.0mm x 85.0mm	
	138ci (2.3L) Quad 4 (Olds) Inline4 SOHC 2v	01/1992 - 12/1994	L4	92.0mm x 85.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1388A STD, .25, .50, .75, 1.00		47.973/1.8887	51.166/2.0144	1.580/.0622	22.76/.896	F810	8516A
		47.998/1.8897	51.191/2.0154				IH
MAINS							
5M8511A STD, .25, .50, .75	1,2,4,5	51.994/2.0470	56.774/2.2352	2.377/.0936	21.26/.837	F810	8511A
		52.019/2.0480	56.799/2.2362				UL
	3	51.994/2.0470	56.774/2.2352	2.377/.0936	27.74/1.092	F810	8513A(F)
		52.019/2.0480	56.799/2.2362				UL

36	Engine	Year	Cyl	Bore x Stroke	36
	134ci (2.2L) LN2,L43 Vortec (Chev) Inline4 OHV 2v	01/1994 - 12/2003	L4	89.0mm x 88.0mm	
	134ci (2.2L) LN2,LM3 (Chev) Inline4 OHV 2v <i>VIN Code 4,G</i>	01/1990 - 12/2002	L4	3.50in x 3.46in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B745A STD, 010, 020, 030, 040, 060		50.775/1.9990	53.967/2.1247	1.577/.0621	21.38/.842	F810	2370A
		50.800/2.0000	53.980/2.1252				IH
MAINS							
5M7124A STD, .25, .50, .75, 1.0	1,2,3,5	63.360/2.4945	68.250/2.6870	2.423/.0954	18.72/.737	F810	7123A
		63.383/2.4954	68.273/2.6879				IH
	4	63.358/2.4944	68.250/2.6870	2.423/.0954	23.93/.942	F810	7124A(F)
		63.383/2.4954	68.275/2.6880				IH
MAINS							
5M7164A STD, .25, .50, .75, 1.0	1,2,5	63.360/2.4945	68.250/2.6870	2.423/.0954	18.72/.737	F810	7123A
		63.383/2.4954	68.273/2.6879				IH
	3	63.358/2.4944	68.250/2.6870	2.423/.0954	20.75/.817	F810	7164A
		63.383/2.4954	68.275/2.6880				IH
	4	63.358/2.4944	68.250/2.6870	2.423/.0954	23.93/.942	F810	7124A(F)
		63.383/2.4954	68.275/2.6880				IH
CAMS							
5C1195S STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7197
		47.490/1.8697	51.079/2.0110				
	2,5	47.440/1.8677	50.775/1.9990	1.630/.0642	16.13/.635	F23	7198
		47.490/1.8697	50.825/2.0010				
	3,4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199
		47.490/1.8697	51.079/2.0110				

37	Engine	Year	Cyl	Bore x Stroke	37
	116ci (1.9L) (Saturn) Inline4 DOHC 4v	01/1991 - 12/2002	L4	82.0mm x 89.9mm	
	116ci (1.9L) (Saturn) Inline4 SOHC 2v	01/1991 - 12/2002	L4	82.0mm x 89.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1623A STD, .25, .50		46.990/1.8500	50.193/1.9761	1.590/.0626	20.32/.800	F810	7131A
		47.010/1.8508	50.206/1.9766				IH
MAINS							
5M2009A STD, .25, .50	1,2,3,4,5	56.993/2.2438	60.993/2.4013	1.989/.0783	18.31/.721	F810	7178A
		57.005/2.2443	61.006/2.4018				L
	1,2,4,5	56.993/2.2438	60.993/2.4013	1.989/.0783	18.31/.721	F810	7178A
		57.005/2.2443	61.006/2.4018				U
	3	56.993/2.2438	60.993/2.4013	1.989/.0783	27.59/1.086	F810	7179A(F)
		57.005/2.2443	61.006/2.4018				U

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38	Engine	Year	Cyl	Bore x Stroke	38
	244ci (4.0L) L47 (Olds) V8 DOHC 4v <i>VIN Code C</i>	01/1995 - 12/2003	V8	87.0mm x 84.0mm	
	281ci (4.6L) (Northstar) V8 DOHC 4v <i>VIN Codes 9 (L37), A (LH2), Y (LD8)</i>	01/1993 - 12/2010	V8	93.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B7280A STD, .25, .50		53.950/2.1240	57.140/2.2496	1.577/.0621	19.25/.758	F810	7280A IH
		53.962/2.1245	57.150/2.2500				
MAINS <i>Suits engines up to 2003. Contains one 3 piece flange.</i>							
5M7282A STD, .25, .50, .75	1,2,4,5	64.350/2.5335	72.430/2.8516	4.041/.1591	20.68/.814	F810	7282A UL
		64.360/2.5339	72.440/2.8520				
	3	64.338/2.5330	72.430/2.8516	4.041/.1591	23.50/.925	F810	7283A(F) UL
		64.359/2.5338	72.440/2.8520				
PISTON PIN BUSH <i>Suits engines up to 2003.</i>							
RB4223 UNB			23.460/.9236 23.500/.9252		21.75/.856	F100	RB4223

39	Engine	Year	Cyl	Bore x Stroke	39
	300ci (4.9L) (Buick) V8 OHV 2v	01/1964 - 12/1967	V8	95.3mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B610A STD, 010, 020, 030, 040		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A IH
		50.813/2.0005	53.980/2.1252				
MAINS							
5M7285A STD, .25, .50, .75, 1.00	1,2,4	63.475/2.4990	68.250/2.6870	2.375/.0935	22.07/.869	F810	7285A UL
		63.500/2.5000	68.275/2.6880				
	3	63.475/2.4990	68.250/2.6870	2.375/.0935	26.87/1.058	F810	7286A(F) UL
		63.500/2.5000	68.275/2.6880				
	5	63.475/2.4990	68.250/2.6870	2.375/.0935	22.07/.869	F810	7287A UL
		63.500/2.5000	68.275/2.6880				

40	Engine	Year	Cyl	Bore x Stroke	40
	198ci (3.2L) (Buick) V6 OHV 2v	01/1962 - 12/1963	V6	92.1mm x 81.3mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>18.84mm wide.</i>							
6B610A STD, 10, 20, 30, 40		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A IH
		50.813/2.0005	53.980/2.1252				
MAINS							
5M7288A STD, .25, .50	1,2,3,5	58.377/2.2983	63.261/2.4906	2.426/.0955	20.50/.807	F810	7288A UL
		58.402/2.2993	63.287/2.4916				
	4	58.377/2.2983	63.261/2.4906	2.426/.0955	26.87/1.058	F810	7289A(F) UL
		58.402/2.2993	63.287/2.4916				

41	Engine	Year	Cyl	Bore x Stroke	41
	196ci (3.2L) (Buick) V6 OHV 2v <i>VIN Code C</i>	01/1978 - 12/1979	V6	3.50in x 3.40in	
	252ci (4.1L) (Buick) V6 OHV 2v <i>VIN Code 4</i>	01/1980 - 12/1984	V6	3.97in x 3.40in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>= 6B1228A</i>							
6B2360A STD, 001, 010, 020, 030, 040		57.117/2.2487	60.295/2.3738	1.572/.0619	16.74/.659	F810	2360A IH
		57.147/2.2499	60.312/2.3745				
CONROD <i>16.74mm Wide, VN Series 1. Same as 6B1228P.</i>							
6B2360P STD, 001, 010, 020, 030, 040		57.117/2.2487	60.295/2.3738	1.572/.0619	16.74/.659	F780	2360 IH
		57.147/2.2499	60.312/2.3745				



41 Continued ...								41
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4M960A STD, 001, 010, 020, 030, 040		MAINS <i>STD width flanges on all undersizes.</i>						
	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9015A UL	
	2	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	26.87/1.058	F810	9017A(F) UL	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9016A L	
	4	63.470/2.4988 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9019A U	
4C1031BS STD		CAMS <i>Alternative to 4C1031S, with grooved OD on #1 bush. For engines with 14 bolt oil pan.</i>						
	1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	41.402/1.6300	19.18/.755	F23	5103	
	2,3,4	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	15.88/.625	F23	5104	
4C1031S STD		CAMS <i>For engines with 14 bolt oil pan.</i>						
	2,3,4	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	15.88/.625	F23	5104	
42 Engine								42
204ci (3.3L) (Buick) V6 OHV 2v <i>VIN Code N</i>				Year 01/1989 - 12/1993	Cyl V6	Bore x Stroke 3.70in x 3.15in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
6B2306A STD, 001, 010, 020		CONROD <i>Same as 6B1443A.</i>						
		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.570/.0618	18.30/.721	F810	2306A IH	
RACE SERIES 6B2306H STD, 001, 010, 020		CONROD						
		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.568/.0617	18.30/.720	F781	2306H IH	
RACE SERIES 6B2306HX STD		CONROD <i>0.001" extra oil clearance on STD journal.</i>						
		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.555/.0612	18.30/.720	F781	2306HX IH	
6B2306P STD, 010, 020, 030, 040		CONROD <i>18.30mm wide. VN series 2, VP, VR, VS, VT, VX, VY.</i>						
		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.570/.0618	18.30/.720	F780	2306 IH	
6B2360A STD, 001, 010, 020, 030, 040		CONROD <i>= 6B1228A</i>						
		57.117/2.2487 57.147/2.2499	60.295/2.3738 60.312/2.3745	1.572/.0619	16.74/.659	F810	2360A IH	
6B2360P STD, 001, 010, 020, 030, 040		CONROD <i>16.74mm Wide, VN Series 1. Same as 6B1228P.</i>						
		57.117/2.2487 57.147/2.2499	60.295/2.3738 60.312/2.3745	1.572/.0619	16.74/.659	F780	2360 IH	
4M2302A STD, 010, 020, 030, 040		MAINS <i>= 4M1822A. Suits VN Series 2 and VP.</i>						
	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A L	
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A U	
	2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	26.87/1.058	F810	2303A(F) UL	
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2305A L	
4M960A STD, 001, 010, 020, 030, 040		MAINS <i>STD width flanges on all undersizes.</i>						
	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9015A UL	
	2	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	26.87/1.058	F810	9017A(F) UL	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9016A L	
	4	63.470/2.4988 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9019A U	

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42 Continued ... 42

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CAMS <i>For engines with 20 bolt oil pan.</i>							
4C1246S STD	1,4	45.339/1.7850	49.162/1.9355	1.890/.0744	19.18/.755	F23	5102
		45.364/1.7860	49.213/1.9375				
	2,3	45.339/1.7850	48.654/1.9155	1.630/.0642	15.88/.625	F23	5104
		45.364/1.7860	48.705/1.9175				

43 Engine Year Cyl Bore x Stroke 43

215ci (3.5L) (Buick) V8 OHV 2v 01/1961 - 12/1963 V8 3.50in x 2.80in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B610A STD, 010, 020, 030, 040		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A IH
		50.813/2.0005	53.980/2.1252				
MAINS <i>Overwidth flanges on undersizes: Std=Std, 010"=Std+010".</i>							
5M2217A STD, 010	1,2,4,5	58.400/2.2992	63.274/2.4911	2.426/.0955	20.50/.807	F820	2217AL UL
		58.412/2.2997	63.287/2.4916				
	3	58.400/2.2992	63.274/2.4911	2.426/.0955	26.87/1.058	F820	2218AL(F) UL
		58.412/2.2997	63.287/2.4916				

44 Engine Year Cyl Bore x Stroke 44

225ci (3.7L) (Buick) V6 OHV 2v 01/1964 - 01/1967 V6 3.75in x 3.40in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>18.84mm wide.</i>							
6B610A STD, 10, 20, 30, 40		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A IH
		50.813/2.0005	53.980/2.1252				
MAINS <i>STD width flanges on all undersizes.</i>							
4M960A STD, 001, 010, 020, 030, 040	1,3	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9015A UL
		63.500/2.5000	68.275/2.6880				
	2	63.475/2.4990	68.250/2.6870	2.365/.0931	26.87/1.058	F810	9017A(F) UL
		63.500/2.5000	68.275/2.6880				
	4	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9016A L
		63.500/2.5000	68.275/2.6880				
	4	63.470/2.4988	68.250/2.6870	2.365/.0931	22.07/.869	F810	9019A U
		63.500/2.5000	68.275/2.6880				
CAMS							
4C506S STD	1	44.577/1.7550	47.892/1.8855	1.631/.0642	19.18/.755	F23	5332
		44.602/1.7560	47.943/1.8875				
	2	43.815/1.7250	47.130/1.8555	1.631/.0642	19.18/.755	F23	5333
		43.840/1.7260	47.181/1.8575				
	3	43.053/1.6950	46.368/1.8255	1.631/.0642	19.18/.755	F23	5334
		43.078/1.6960	46.419/1.8275				
	4	42.291/1.6650	45.606/1.7955	1.631/.0642	19.18/.755	F23	5335
		42.316/1.6660	45.657/1.7975				

45 Engine Year Cyl Bore x Stroke 45

340ci (5.6L) (Buick) V8 OHV 2v 01/1964 - 01/1967 V8 3.75in x 3.85in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B610A STD, 010, 020, 030, 040		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A IH
		50.813/2.0005	53.980/2.1252				
MAINS							
5M1457A STD, 010, 020, 030	1,2,4	76.187/2.9995	80.975/3.1880	2.375/.0935	21.97/.865	F810	7134A UL
		76.213/3.0005	81.001/3.1890				
	3	76.187/2.9995	80.975/3.1880	2.375/.0935	26.87/1.058	F810	7135A(F) UL
		76.213/3.0005	81.001/3.1890				
	5	76.187/2.9995	80.975/3.1880	2.375/.0935	21.97/.865	F810	7137A UL
		76.213/3.0005	81.001/3.1890				



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46	Engine	Year	Cyl	Bore x Stroke	46		
	402ci (6.6L) Big Block (Chev) V8 OHV 2v	01/1970 - 12/1972	V8	4.13in x 3.76in			
	454ci (7.4L) Big Block (Chev) V8 OHV 2v	01/1970 - 12/2000	V8	4.25in x 4.00in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B743A STD, 01, 10, 20, 30, 40		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/.0620	22.58/.889	F810	7100A IH
RACE SERIES 8B743H STD, 001, 009, 010, 011, 020	CONROD	55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.572/.0619	22.58/.889	F781	7100H UL
RACE SERIES 8B743HD STD, 001, 010	CONROD	<i>Dowel hole in upper half.</i>		1.572/.0619	22.58/.889	F781	7100H U
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.572/.0619	22.58/.889	F781	7100HD L
RACE SERIES 8B743HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.559/.0614	22.58/.889	F781	7100HX UL
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252				
RACE SERIES 8B743HDX STD	CONROD	<i>Dowel hole in upper half. 0.001" extra oil clearance on STD journal.</i>		1.559/.0614	22.58/.889	F781	7100HX U
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.559/.0614	22.58/.889	F781	7100HDX L
8B743P STD, 001, 010, 020, 030, 040,	CONROD	55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/.0620	22.58/.889	F780	7100 IH
MAINS							
5M829A STD, 01, 10, 20, 30, 40	1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.380/.0937	26.46/1.042	F810	7102A UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.380/.0937	46.00/1.811	F810	7103A(F) UL
RACE SERIES 5M829H STD, 001, 009, 010, 011, 020	1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.372/.0934	26.50/1.043	F780	7102H UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.372/.0934	46.00/1.811	F780	7103H(F) UL
RACE SERIES 5M829HX STD	1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.359/.0929	26.50/1.043	F780	7102HX UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.359/.0929	46.00/1.811	F780	7103HX(F) UL
5M829P STD, 001, 010, 020, 030, 040	1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.380/.0937	26.46/1.042	F780	7102 UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.380/.0937	46.05/1.813	F780	7103(F) UL
CAMS							
5C616S STD, STD, STD, 010	1	49.497/1.9487 49.522/1.9497	54.343/2.1395 54.369/2.1405	2.390/.0941	21.84/.860	F23	7247
	2,5	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.263/.0891	24.89/.980	F23	7248
	3,4	49.497/1.9487 49.522/1.9497	53.835/2.1195 53.861/2.1205	2.136/.0841	24.89/.980	F23	7249

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47 Engine		Year	Cyl	Bore x Stroke	47		
366ci (6.0L) Big Block (Chev) V8 OHV 2v		01/1966 - 12/1967	V8	3.94in x 3.77in			
396ci (6.5L) Big Block (Chev) V8 OHV 2v		01/1964 - 12/1971	V8	4.09in x 3.77in			
427ci (7.0L) Big Block (Chev) V8 OHV 2v		01/1966 - 12/1969	V8	4.25in x 3.77in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B743A STD, 01, 10, 20, 30, 40		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/.0620	22.58/.889	F810	7100A IH
RACE SERIES							
8B743H STD, 001, 009, 010, 011, 020		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.572/.0619	22.58/.889	F781	7100H UL
RACE SERIES							
8B743HD STD, 001, 010		<i>Dowel hole in upper half.</i>		1.572/.0619	22.58/.889	F781	7100H U
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.572/.0619	22.58/.889	F781	7100HD L
RACE SERIES							
8B743HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.559/.0614	22.58/.889	F781	7100HX UL
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.559/.0614	22.58/.889	F781	7100HX U
RACE SERIES							
8B743HDX STD		<i>Dowel hole in upper half. 0.001" extra oil clearance on STD journal.</i>		1.559/.0614	22.58/.889	F781	7100HX L
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.559/.0614	22.58/.889	F781	7100HDX L
CONROD							
8B743P STD, 001, 010, 020, 030, 040,		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/.0620	22.58/.889	F780	7100 IH
MAINS							
5M829A STD, 01, 10, 20, 30, 40	1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.380/.0937	26.46/1.042	F810	7102A UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.380/.0937	46.00/1.811	F810	7103A(F) UL
RACE SERIES							
5M829H STD, 001, 009, 010, 011, 020	1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.372/.0934	26.50/1.043	F780	7102H UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.372/.0934	46.00/1.811	F780	7103H(F) UL
RACE SERIES							
5M829HX STD	1,2,3,4	<i>0.001" extra oil clearance on STD journal.</i>		2.359/.0929	26.50/1.043	F780	7102HX UL
	5	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.359/.0929	46.00/1.811	F780	7103HX(F) UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.359/.0929	46.00/1.811	F780	7103HX(F) UL
MAINS							
5M829P STD, 001, 010, 020, 030, 040	1,2,3,4	<i>Partial Groove</i>		2.380/.0937	26.46/1.042	F780	7102 UL
	5	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.380/.0937	46.05/1.813	F780	7103(F) UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.380/.0937	46.05/1.813	F780	7103(F) UL
CAMS							
5C615S Std	1	49.497/1.9487 49.522/1.9497	54.343/2.1395 54.369/2.1405	2.390/.0941	21.84/.860	F23	7247
	2	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.263/.0891	24.89/.980	F23	7248
	3,4	49.497/1.9487 49.522/1.9497	53.835/2.1195 53.861/2.1205	2.136/.0841	24.89/.980	F23	7249
	5	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.270/.0894	25.02/.985	F23	7246
CAMS							
5C616S STD, STD, STD, 010	1	49.497/1.9487 49.522/1.9497	54.343/2.1395 54.369/2.1405	2.390/.0941	21.84/.860	F23	7247
	2,5	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.263/.0891	24.89/.980	F23	7248



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47 Continued ...							47
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5C616S STD, STD, STD, 010	3,4	49.497/1.9487	53.835/2.1195	2.136/.0841	24.89/.980	F23	7249
		49.522/1.9497	53.861/2.1205				

48 Engine				Year	Cyl	Bore x Stroke	48
153ci (2.5L) (Chev) Inline4 OHV 2v				01/1962 - 12/1970	L4	3.88in x 3.25in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

4B745A STD, 010, 020, 030, 040, 060	CONROD	50.775/1.9990	53.967/2.1247	1.577/.0621	21.38/.842	F810	2370A	
		50.800/2.0000	53.980/2.1252				IH	
5M1733A STD, 01, 10, 20, 30, 40	MAINS	<i>Standard width thrust for all undersizes.</i>						
		1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
			58.402/2.2993	63.287/2.4916				UL
		5	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F810	7133A(F)
58.402/2.2993	63.287/2.4916					UL		
3C400S STD	CAMS	1,2	47.452/1.8682	50.775/1.9990	1.636/.0644	21.97/.865	F23	7348
			47.478/1.8692	50.825/2.0010				
		3	47.452/1.8682	51.029/2.0090	1.763/.0694	21.97/.865	F23	7349
		47.478/1.8692	51.079/2.0110					

49 Engine				Year	Cyl	Bore x Stroke	49
173ci (2.8L) (Chev) V6 OHV 2v				01/1980 - 12/1993	V6	3.50in x 2.99in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

6B1238A STD, 01, 10, 20, 30, 40	CONROD	50.759/1.9984	53.962/2.1245	1.575/.0620	18.29/.720	F810	7116A	
		50.785/1.9994	53.988/2.1255				IH	
4M1494A STD, 010, 020, 030, 40	MAINS	<i>For engines 1980-85 with 63.3mm small journal design.</i>						
		1	63.340/2.4937	68.250/2.6870	2.426/.0955	24.64/.970	F810	7117A
			63.363/2.4946	68.275/2.6880				UL
		2	63.340/2.4937	68.250/2.6870	2.426/.0955	18.85/.742	F810	7118A
			63.363/2.4946	68.275/2.6880				UL
3	63.340/2.4937	68.250/2.6870	2.426/.0955	23.93/.942	F810	7119A(F)		
4	63.363/2.4946	68.275/2.6880	2.426/.0955	31.70/1.248	F810	7120A		
		63.363/2.4946	68.275/2.6880				UL	
4M2037A STD, .25, .50, .75, 1.00	MAINS	<i>For engines 1985 on with 67.2mm large journal design.</i>						
		1	67.239/2.6472	72.149/2.8405	2.426/.0955	23.93/.942	F810	7239A(F)
			67.264/2.6482	72.174/2.8415				UL
		2	67.239/2.6472	72.149/2.8405	2.426/.0955	18.75/.738	F810	7238A
			67.264/2.6482	72.174/2.8415				UL
		3	67.239/2.6472	72.149/2.8405	2.426/.0955	24.80/.976	F810	7237A
67.264/2.6482	72.174/2.8415				UL			
4C1102S STD	CAMS	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7207
			47.490/1.8697	51.079/2.0110				
		2,3	47.440/1.8677	50.775/1.9990	1.630/.0642	16.13/.635	F23	7198
			47.490/1.8697	50.825/2.0010				
4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199		
47.490/1.8697	51.079/2.0110							
4C1102SW STD	CAMS	<i>Alternative to 4C1102S with 18.42mm/0.725" wide #2 & #3 bushes.</i>						
		1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7197
			47.490/1.8697	51.079/2.0110				
		2,3	47.440/1.8677	51.029/2.0090	1.760/.0693	18.42/.725	F23	7208
			47.490/1.8697	51.079/2.0110				
		4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199
47.490/1.8697	51.079/2.0110							

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50	Engine	Year	Cyl	Bore x Stroke	50
	200ci (3.3L) (Chev) V6 OHV 2v <i>VIN Code M</i>	01/1978 - 12/1979	V6	3.50in x 3.48in	
	229ci (3.8L) (Chev) V6 OHV 2v <i>VIN Code 9,K</i>	01/1980 - 12/1984	V6	3.74in x 3.48in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1227A STD, 010, 020, 030, 040		53.315/2.0990	56.507/2.2247	1.575/.0620	18.11/.713	F810	7110A
		53.340/2.1000	56.520/2.2252				IH
MAINS							
4M1454A STD, 01, 10, 20, 30, 40	1,2,3	62.189/2.4484	67.071/2.6406	2.426/.0955	20.50/.807	F810	2377A
		62.212/2.4493	67.094/2.6415				UL
	4	62.177/2.4479	67.071/2.6406	2.426/.0955	43.64/1.718	F810	2378A(F)
		62.200/2.4488	67.094/2.6415				UL
CAMS							
<i>For engines without ID number starting with "T" on front of block.</i>							
4C1089S STD	1	47.452/1.8682	51.283/2.0190	1.895/.0746	19.05/.750	F23	3349
		47.478/1.8692	51.333/2.0210				
	2,4	47.452/1.8682	51.029/2.0090	1.767/.0696	19.05/.750	F23	3347
		47.478/1.8692	51.079/2.0110				
	3	47.452/1.8682	50.775/1.9990	1.641/.0646	19.05/.750	F23	3346
		47.478/1.8692	50.825/2.0010				

51	Engine	Year	Cyl	Bore x Stroke	51
	400ci (6.6L) Small Block (Chev) V8 OHV 2v	01/1970 - 12/1980	V8	4.13in x 3.75in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B663A STD, 01, 10, 20, 30, 40		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F810	2376A
		53.340/2.1000	56.520/2.2252				IH
RACE SERIES							
8B663H STD, 001, 009, 010, 011, 020		53.315/2.0990	56.507/2.2247	1.572/.0619	21.25/.837	F781	2376H
		53.340/2.1000	56.520/2.2252				UL
RACE SERIES							
8B663HD STD, 001, 010		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F781	2376HD
		53.340/2.1000	56.520/2.2252				L
		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F781	2376H
		53.340/2.1000	56.520/2.2252				U
RACE SERIES							
8B663HX STD		53.315/2.0990	56.507/2.2247	1.559/.0614	21.25/.837	F781	2376HX
		53.340/2.1000	56.520/2.2252				UL
RACE SERIES							
8B663HXD STD		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HXD
		53.340/2.1000	56.520/2.2252				L
		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HX
		53.340/2.1000	56.520/2.2252				U
CONROD							
8B663P STD, 01, 10, 20, 30, 40		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F780	2376
		53.340/2.1000	56.520/2.2252				IH
MAINS							
5M1038A STD, 001, 010, 020, 030, 040	1,2,3,4	67.269/2.6484	72.151/2.8406	2.423/.0954	20.44/.805	F810	7113A
		67.292/2.6493	72.174/2.8415				UL
	5	67.257/2.6479	72.151/2.8406	2.423/.0954	43.64/1.718	F810	7115A(F)
		67.280/2.6488	72.174/2.8415				UL
RACE SERIES							
5M1038H STD, 001, 010	1,2,3,4	67.269/2.6484	72.151/2.8406	2.421/.0953	20.44/.805	F780	7113H
		67.292/2.6493	72.174/2.8415				UL
	5	67.257/2.6479	72.151/2.8406	2.421/.0953	43.64/1.718	F780	7115H(F)
		67.280/2.6488	72.174/2.8415				UL



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51 Continued ...							51
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES							
5M1038HX STD	1,2,3,4	<i>0.001" extra oil clearance on STD journal.</i>					
		67.269/2.6484	72.151/2.8406	2.408/.0948	20.44/.805	F780	7113HX UL
	5	67.292/2.6493	72.174/2.8415				
		67.257/2.6479	72.151/2.8406	2.408/.0948	43.64/1.718	F780	7115HX(F) UL
		67.280/2.6488	72.174/2.8415				
CAMS							
5C3346C STD	1,2,3,4,5	<i>All housing bores constant at 1.9990"-2.000"/50.775-50.800mm (High Performance).</i>					
		47.452/1.8682	50.775/1.9990	1.641/.0646	19.05/.750	F830	3346C
		47.478/1.8692	50.825/2.0010				
CAMS							
5C3349 STD	1	<i>= 5C2905. Standard housing bores.</i>					
		47.452/1.8682	51.283/2.0190	1.895/.0746	19.05/.750	F23	3349
	2,5	47.478/1.8692	51.333/2.0210				
		47.452/1.8682	51.029/2.0090	1.767/.0696	19.05/.750	F23	3347
	3,4	47.478/1.8692	51.079/2.0110				
47.452/1.8682		50.775/1.9990	1.641/.0646	19.05/.750	F23	3346	
		47.478/1.8692	50.825/2.0010				
CAMS							
5C3349C STD	1	<i>Standard housing bores (High Performance).</i>					
		47.452/1.8682	51.283/2.0190	1.894/.0746	19.05/.750	F830	3349C
	2,5	47.478/1.8692	51.333/2.0210				
		47.452/1.8682	51.029/2.0090	1.767/.0696	19.05/.750	F830	3347C
	3,4	47.478/1.8692	51.079/2.0110				
47.452/1.8682		50.775/1.9990	1.641/.0646	19.05/.750	F830	3346C	
		47.478/1.8692	50.825/2.0010				

52 Engine				Year	Cyl	Bore x Stroke	52
250ci (4.1L) (Chev) Inline6 OHV 2v				01/1964 - 12/1984	L6	3.88in x 3.56in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B745A STD, 010, 020, 030, 040, 060		50.775/1.9990	53.967/2.1247	1.577/.0621	21.38/.842	F810	2370A IH
		50.800/2.0000	53.980/2.1252				
MAINS							
7M617A STD, 010, 020, 030, 040	1,2,3,4,5,6	<i>Standard width flanges for all undersizes.</i>					
		58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A UL
	7	58.402/2.2993	63.287/2.4916				
		58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F810	7133A(F) UL
		58.402/2.2993	63.287/2.4916				
CAMS							
4C399S STD	1,4	47.452/1.8682	51.029/2.0090	1.763/.0694	21.97/.865	F23	5330
		47.478/1.8692	51.079/2.0110				
	2,3	47.425/1.8671	50.775/1.9990	1.636/.0644	21.97/.865	F23	5331
47.478/1.8692		50.825/2.0010					
CAMS							
4C5157 STD	1,2,3,4	<i>= 4C7185</i>					
		47.452/1.8682	50.775/1.9990	1.638/.0645	22.10/.870	F23	5157
		47.478/1.8692	50.825/2.0010				

53 Engine				Year	Cyl	Bore x Stroke	53
265ci (4.3L) (Chev) V8 OHV 2v				01/1955 - 12/1957	V8	3.75in x 3.00in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B745A STD, 010, 020, 030, 040, 060		50.775/1.9990	53.967/2.1247	1.577/.0621	21.38/.842	F810	2370A IH
		50.800/2.0000	53.980/2.1252				
RACE SERIES							
8B745H STD, 001, 010		50.775/1.9990	53.967/2.1247	1.577/.0621	21.38/.842	F781	2370H UL
		50.800/2.0000	53.980/2.1252				
RACE SERIES							
8B745HD STD, 001, 010		<i>Dowel hole in upper half.</i>					
		50.775/1.9990	53.967/2.1247	1.577/.0621	21.38/.842	F781	2370HD L
		50.800/2.0000	53.980/2.1252				
		50.775/1.9990	53.967/2.1247	1.577/.0621	21.38/.842	F781	2370H U
		50.800/2.0000	53.980/2.1252				

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53 Continued ... **53**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
8B745HX STD		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HX UL
RACE SERIES	CONROD	<i>Dowel hole in upper half. 0.001" extra oil clearance on STD journal.</i>					
8B745HXD STD		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HX U
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HX L
8B745P STD, 010, 020, 030, 040, 060	CONROD	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F780	2370 IH
5M429A STD, 001, 010, 020, 030, 040	MAINS 1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/.0955	20.49/.807	F810	7132A UL
	3	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.428/.0956	43.64/1.718	F810	7104A(F) UL
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
5M429H STD, 001, 010	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.423/.0954	20.49/.807	F780	2372H UL
	5	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.423/.0954	43.64/1.718	F780	7104H(F) UL
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
5M429HX STD	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.410/.0949	20.49/.807	F780	2372HX UL
	5	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.410/.0949	43.64/1.718	F780	7104HX(F) UL
5C287S STD	CAMS 1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/.0744	18.92/.745	F23	5312
	2	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.333/2.0210	1.763/.0694	18.92/.745	F23	5313
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/.0646	18.92/.745	F23	5314
	5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/.0694	24.00/.945	F23	5315

54 Engine **54**

Year	Cyl	Bore x Stroke
283ci (4.6L) (Chev) V8 OHV 2v	01/1955 - 12/1969	V8 3.88in x 3.00in
327ci (5.4L) Small Pin (Chev) V8 OHV 2v	01/1962 - 05/1969	V8 4.00in x 3.25in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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8B745A STD, 010, 020, 030, 040, 060	CONROD	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F810	2370A IH
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
8B745H STD, 001, 010		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F781	2370H UL
RACE SERIES	CONROD	<i>Dowel hole in upper half.</i>					
8B745HD STD, 001, 010		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F781	2370HD L
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F781	2370H U
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
8B745HX STD		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HX UL
RACE SERIES	CONROD	<i>Dowel hole in upper half. 0.001" extra oil clearance on STD journal.</i>					
8B745HDX STD		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HX U



54		Continued ...						54
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
8B745HXD STD		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HXD L	
8B745P STD, 010, 020, 030, 040, 060	CONROD	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F780	2370 IH	
5M429A STD, 001, 010, 020, 030, 040	MAINS							
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/.0955	20.49/.807	F810	7132A UL	
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/.0955	20.49/.807	F810	7132A UL	
	3	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.428/.0956	43.64/1.718	F810	7104A(F) UL	
	3	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.428/.0956	43.64/1.718	F810	7104A(F) UL	
RACE SERIES 5M429H STD, 001, 010	MAINS							
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.423/.0954	20.49/.807	F780	2372H UL	
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.423/.0954	20.49/.807	F780	2372H UL	
	5	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.423/.0954	43.64/1.718	F780	7104H(F) UL	
	5	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.423/.0954	43.64/1.718	F780	7104H(F) UL	
RACE SERIES 5M429HX STD	MAINS		<i>0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.410/.0949	20.49/.807	F780	2372HX UL	
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.410/.0949	20.49/.807	F780	2372HX UL	
	5	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.410/.0949	43.64/1.718	F780	7104HX(F) UL	
	5	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.410/.0949	43.64/1.718	F780	7104HX(F) UL	
5C287S STD	CAMS							
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/.0744	18.92/.745	F23	5312	
	2	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.333/2.0210	1.763/.0694	18.92/.745	F23	5313	
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/.0646	18.92/.745	F23	5314	
	5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/.0694	24.00/.945	F23	5315	
5C3346C STD	CAMS		<i>All housing bores constant at 1.9990"-2.000"/50.775-50.800mm (High Performance).</i>					
	1,2,3,4,5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F830	3346C	
5C3349 STD	CAMS		<i>= 5C290S. Standard housing bores.</i>					
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/.0746	19.05/.750	F23	3349	
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F23	3347	
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F23	3346	
5C3349C STD	CAMS		<i>Standard housing bores (High Performance).</i>					
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.894/.0746	19.05/.750	F830	3349C	
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F830	3347C	
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F830	3346C	

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55	Engine	Year	Cyl	Bore x Stroke	55
	292ci (4.8L) (Chev) Inline6 OHV 2v VIN Code S,T	01/1963 - 12/1989	L6	3.88in x 4.13in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B663A STD, 010, 020, 030, 040		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F810	2376A
		53.340/2.1000	56.520/2.2252				IH
MAINS <i>Standard width flanges for all undersizes.</i>							
7M617A STD, 010, 020, 030, 040	1,2,3,4,5,6	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
		58.402/2.2993	63.287/2.4916				UL
	7	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F810	7133A(F)
		58.402/2.2993	63.287/2.4916				UL
CAMS							
4C399S STD	1,4	47.452/1.8682	51.029/2.0090	1.763/.0694	21.97/.865	F23	5330
		47.478/1.8692	51.079/2.0110				
	2,3	47.425/1.8671	50.775/1.9990	1.636/.0644	21.97/.865	F23	5331
		47.478/1.8692	50.825/2.0010				
CAMS <i>= 4C718S</i>							
4C5157 STD	1,2,3,4	47.452/1.8682	50.775/1.9990	1.638/.0645	22.10/.870	F23	5157
		47.478/1.8692	50.825/2.0010				

56	Engine	Year	Cyl	Bore x Stroke	56
	122ci (2.0L) (Chev) Inline4 OHV 2v VIN Codes B,P,Y	01/1983 - 12/1986	L4	3.50in x 3.15in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B745A STD, 010, 020, 030, 040, 060		50.775/1.9990	53.967/2.1247	1.577/.0621	21.38/.842	F810	2370A
		50.800/2.0000	53.980/2.1252				IH
MAINS							
5M1567A STD, .25, .50, .75, 1.00	1,2,3	63.360/2.4945	68.250/2.6870	2.423/.0954	18.72/.737	F810	7123A
		63.383/2.4954	68.273/2.6879				IH
	4	63.358/2.4944	68.250/2.6870	2.423/.0954	23.93/.942	F810	7124A(F)
		63.383/2.4954	68.275/2.6880				IH
	5	63.360/2.4945	68.250/2.6870	2.423/.0954	20.95/.825	F810	7125A
	63.383/2.4954	68.273/2.6879				UL	
CAMS							
5C1195S STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7197
		47.490/1.8697	51.079/2.0110				
	2,5	47.440/1.8677	50.775/1.9990	1.630/.0642	16.13/.635	F23	7198
		47.490/1.8697	50.825/2.0010				
	3,4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199
		47.490/1.8697	51.079/2.0110				

57	Engine	Year	Cyl	Bore x Stroke	57
	326ci (5.3L) (Pontiac) V8 OHV 2v	01/1963 - 12/1967	V8	3.72in x 3.75in	
	350ci (5.7L) (Pontiac) V8 OHV 2v	01/1968 - 12/1979	V8	3.88in x 3.75in	
	389ci (6.4L) (Pontiac) V8 OHV 2v	01/1959 - 12/1966	V8	4.06in x 3.75in	
	400ci (6.6L) (Pontiac) V8 OHV 2v	01/1967 - 12/1979	V8	4.12in x 3.75in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B758P STD, 10, 20, 30, 40		57.117/2.2487	60.312/2.3745	1.572/.0619	22.37/.881	F780	7140
		57.142/2.2497	60.325/2.3750				IH
MAINS <i>Half groove, full groove in #5 position.</i>							
5M483A STD, 010, 020, 030, 040	1,2,3	76.175/2.9990	80.975/3.1880	2.382/.0938	23.82/.938	F810	7138A
		76.200/3.0000	81.001/3.1890				UL
	4	76.175/2.9990	80.975/3.1880	2.383/.0938	28.85/1.136	F810	7139A(F)
		76.200/3.0000	81.001/3.1890				UL
	5	76.175/2.9990	80.975/3.1880	2.382/.0938	40.38/1.590	F810	7136A
		76.200/3.0000	81.001/3.1890				UL



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57 Continued ...							57
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M496A STD, 010, 020, 030	MAINS <i>Fully grooved in all positions.</i>						
	1,2,3	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/.0938	23.82/.938	F810	7138A UL
	4	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.383/.0938	28.85/1.136	F810	7139A(F) UL
	5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/.0938	40.38/1.590	F810	7136A UL
	CAMS						
5C292S STD	1,2,3,4,5	48.240/1.8992 48.252/1.8997	51.554/2.0297 51.605/2.0317	1.640/.0646	17.40/.685	F23	5300

58 Engine				Year	Cyl	Bore x Stroke	58
421ci (6.9L) (Pontiac) V8 OHV 2v				01/1961 - 12/1966	V8	4.10in x 4.00in	
428ci (7.0L) (Pontiac) V8 OHV 2v				01/1967 - 12/1969	V8	4.12in x 4.00in	
455ci (7.5L) (Pontiac) V8 OHV 2v				01/1970 - 12/1976	V8	4.15in x 4.21in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B758P STD, 10, 20, 30, 40	CONROD						
		57.117/2.2487 57.142/2.2497	60.312/2.3745 60.325/2.3750	1.572/.0619	22.37/.881	F780	7140 IH
5C292S STD	CAMS						
	1,2,3,4,5	48.240/1.8992 48.252/1.8997	51.554/2.0297 51.605/2.0317	1.640/.0646	17.40/.685	F23	5300

59 Engine				Year	Cyl	Bore x Stroke	59	
260ci (4.3L) (Olds) V8 OHV 2v				01/1975 - 12/1985	V8	3.50in x 3.39in		
350ci (5.7L) (Olds) V8 OHV 2v				01/1964 - 12/1986	V8	4.06in x 3.39in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
8B684A STD, 10, 20, 30, 40	CONROD							
		53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/.0619	21.11/.831	F810	8500A IH	
5M805A STD, 010, 020, 030, 040	MAINS							
	1	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F810	8502A L	
	1,2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F810	8505A U	
	2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F817	8505A L	
	3	63.457/2.4983 63.482/2.4993	68.250/2.6870 68.275/2.6880	2.377/.0936	30.35/1.195	F810	8503A(F) IH	
	5	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	41.37/1.629	F810	8504A UL	
	CAMS							
	5C1088S STD	1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/.0646	17.60/.693	F23	5324
		2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/.0646	17.60/.693	F23	5320
		3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/.0646	17.60/.693	F23	5321
4		50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/.0646	447.04/17.600	F23	5322	
5		49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/.0646	17.60/.693	F23	5323	
CAMS								
5C638S STD		1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/.0646	17.60/.693	F23	5319
		2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/.0646	17.60/.693	F23	5320

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59 Continued ... 59

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5C638S STD	3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/.0646	17.60/.693	F23	5321
	4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/.0646	447.04/17.600	F23	5322
	5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/.0646	17.60/.693	F23	5323

60 Engine Year Cyl Bore x Stroke 60

260ci (4.3L) (Olds) V8 OHV 2v Diesel VIN Code P	01/1982 - 12/1985	V8	3.50in x 3.39in
350ci (5.7L) (Olds) V8 OHV 2v Diesel VIN Code N	01/1978 - 12/1985	V8	4.06in x 3.39in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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8B684A STD, 10, 20, 30, 40	CONROD		53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/.0619	21.11/.831	F810	8500A IH	
	5M804A STD, 010, 020, 030, 040	MAINS		76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	24.87/.979	F810	8507A L
1,2,4		76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	24.87/.979	F810	8512A U		
2,4		76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	24.87/.979	F810	8512A L		
3		76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	30.38/1.196	F810	8508A(F) IH		
5		76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	41.28/1.625	F810	8509A UL		
5C1088S STD		CAMS		51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/.0646	17.60/.693	F23	5324
		2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/.0646	17.60/.693	F23	5320	
		3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/.0646	17.60/.693	F23	5321	
		4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/.0646	447.04/17.600	F23	5322	
		5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/.0646	17.60/.693	F23	5323	

61 Engine Year Cyl Bore x Stroke 61

307ci (5.0L) (Olds) V8 OHV 2v	01/1980 - 12/1990	V8	3.80in x 3.39in
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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8B684A STD, 10, 20, 30, 40	CONROD		53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/.0619	21.11/.831	F810	8500A IH	
	5M805A STD, 010, 020, 030, 040	MAINS		63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F810	8502A L
1,2,4		63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F810	8505A U		
2,4		63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F817	8505A L		
3		63.457/2.4983 63.482/2.4993	68.250/2.6870 68.275/2.6880	2.377/.0936	30.35/1.195	F810	8503A(F) IH		
5		63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	41.37/1.629	F810	8504A UL		
5C1088S STD		CAMS		51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/.0646	17.60/.693	F23	5324



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61 Continued ...							61
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5C10885 STD	2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/.0646	17.60/.693	F23	5320
	3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/.0646	17.60/.693	F23	5321
	4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/.0646	447.04/17.600	F23	5322
	5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/.0646	17.60/.693	F23	5323
	PISTON PIN BUSH						
RB3049YA20 UNB					23.37/.920	F100	RB3049YA20

62 Engine		Year	Cyl	Bore x Stroke	62			
330ci (5.4L) (Olds) V8 OHV 2v		01/1964 - 12/1967	V8					
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
8B684A STD, 10, 20, 30, 40		53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/.0619	21.11/.831	F810	8500A IH	
	MAINS							
5M805A STD, 010, 020, 030, 040	1	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F810	8502A L	
	1,2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F810	8505A U	
	2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F817	8505A L	
	3	63.457/2.4983 63.482/2.4993	68.250/2.6870 68.275/2.6880	2.377/.0936	30.35/1.195	F810	8503A(F) IH	
	5	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	41.37/1.629	F810	8504A UL	
	CAMS							
	5C638S STD	1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/.0646	17.60/.693	F23	5319
		2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/.0646	17.60/.693	F23	5320
3		50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/.0646	17.60/.693	F23	5321	
4		50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/.0646	447.04/17.600	F23	5322	
5		49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/.0646	17.60/.693	F23	5323	

63 Engine		Year	Cyl	Bore x Stroke	63		
400ci (6.6L) (Olds) V8 OHV 2v		01/1965 - 12/1969	V8	4.00in x 3.98in			
425ci (7.0L) (Olds) V8 OHV 2v		01/1965 - 12/1967	V8	4.13in x 3.98in			
455ci (7.5L) (Olds) V8 OHV 2v		01/1968 - 12/1976	V8	4.13in x 4.25in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B542A STD, 010, 020, 030, 40, 50		63.480/2.4992 63.505/2.5002	66.662/2.6245 66.675/2.6250	1.572/.0619	20.98/.826	F810	8506A IH
	MAINS						
5M804A STD, 010, 020, 030, 040	1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	24.87/.979	F810	8507A L
	1,2,4	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	24.87/.979	F810	8512A U
	2,4	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	24.87/.979	F810	8512A L
	3	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	30.38/1.196	F810	8508A(F) IH

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63 Continued ... 63

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M804A STD, 010, 020, 030, 040	5	76.182/2.9993	80.975/3.1880	2.377/.0936	41.28/1.625	F810	8509A UL	
		76.208/3.0003	81.001/3.1890					
5C638S STD	CAMS	1	51.707/2.0357	55.067/2.1680	1.640/.0646	17.60/.693	F23	5319
			51.727/2.0365	55.105/2.1695				
		2	51.199/2.0157	54.560/2.1480	1.640/.0646	17.60/.693	F23	5320
			51.219/2.0165	54.597/2.1495				
		3	50.691/1.9957	54.051/2.1280	1.640/.0646	17.60/.693	F23	5321
			50.711/1.9965	54.090/2.1295				
		4	50.183/1.9757	53.543/2.1080	1.640/.0646	447.04/17.600	F23	5322
50.203/1.9765	53.581/2.1095							
5	49.675/1.9557	53.035/2.0880	1.640/.0646	17.60/.693	F23	5323		
	49.695/1.9565	53.073/2.0895						

64 Engine 64
403ci (6.6L) (Olds) V8 OHV 2v **Year** 01/1977 - 12/1979 **Cyl** V8 **Bore x Stroke** 4.35in x 3.39in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
8B684A STD, 10, 20, 30, 40	CONROD	53.945/2.1238	57.137/2.2495	1.572/.0619	21.11/.831	F810	8500A IH	
		53.970/2.1248	57.150/2.2500					
5M805A STD, 010, 020, 030, 040	MAINS	1	63.462/2.4985	68.250/2.6870	2.377/.0936	24.76/.975	F810	8502A L
			63.487/2.4995	68.275/2.6880				
		1,2,4	63.462/2.4985	68.250/2.6870	2.377/.0936	24.76/.975	F810	8505A U
			63.487/2.4995	68.275/2.6880				
		2,4	63.462/2.4985	68.250/2.6870	2.377/.0936	24.76/.975	F817	8505A L
			63.487/2.4995	68.275/2.6880				
		3	63.457/2.4983	68.250/2.6870	2.377/.0936	30.35/1.195	F810	8503A(F) IH
63.482/2.4993	68.275/2.6880							
5	63.462/2.4985	68.250/2.6870	2.377/.0936	41.37/1.629	F810	8504A UL		
	63.487/2.4995	68.275/2.6880						
5C1088S STD	CAMS	1	51.707/2.0357	55.067/2.1680	1.640/.0646	17.60/.693	F23	5324
			51.727/2.0365	55.105/2.1695				
		2	51.199/2.0157	54.560/2.1480	1.640/.0646	17.60/.693	F23	5320
			51.219/2.0165	54.597/2.1495				
		3	50.691/1.9957	54.051/2.1280	1.640/.0646	17.60/.693	F23	5321
			50.711/1.9965	54.090/2.1295				
		4	50.183/1.9757	53.543/2.1080	1.640/.0646	447.04/17.600	F23	5322
50.203/1.9765	53.581/2.1095							
5	49.675/1.9557	53.035/2.0880	1.640/.0646	17.60/.693	F23	5323		
	49.695/1.9565	53.073/2.0895						



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
1159cc Inline4 OHV 2v	01/1966 - 07/1972	L4	1159	70	14
C12NZ 1196cc Inline4 SOHC 2v	01/1994 - 09/1997	L4	1196	72	17
1256cc Inline4 OHV 2v	01/1971 - 12/1985	L4	1256	76	16
C14NZ 1389cc Inline4 SOHC 2v	04/1994 - 07/1997	L4	1389	84	17
C14SE 1389cc Inline4 SOHC 2v	04/1997 - 09/2002	L4	1389	84	17
Z14XE 1389cc Inline4 DOHC 4v	02/1998 - 12/2004	L4	1389	84	17
1598cc 16JH Family II Gen1 Inline4 SOHC 2v	01/1982 - 03/1987	L4	1598	97	15
1598cc 16LF Family II Gen1 Inline4 SOHC 2v	01/1982 - 09/1991	L4	1598	97	15
C16SE 1598cc Inline4 SOHC 2v	08/1996 - 09/1998	L4	1598	97	17
C16XE 1598cc Inline4 DOHC 4v	04/1994 - 11/1999	L4	1598	97	17
Z16SE 1598cc Inline4 SOHC 2v	09/2002 - On	L4	1598	97	17
1796cc 18JC Family II Gen 2 Inline4 SOHC 2v	01/1986 - 03/1987	L4	1796	109	7
1796cc 18JU Family II Gen1 Inline4 SOHC 2v	11/1984 - 03/1987	L4	1796	109	15
1796cc 18LE Family II Gen 2 Inline4 SOHC 2v	01/1987 - 09/1991	L4	1796	109	7
X18XE 1796cc Inline4 DOHC 4v	08/1998 - 10/2001	L4	1796	109	7
X18XE1 1796cc Inline4 DOHC 4v	01/1998 - 11/2000	L4	1796	109	4
Z18XE 1796cc Inline4 DOHC 4v Non VVT	11/2000 - On	L4	1796	109	11
C18SEL 1799cc Inline4 DOHC 4v	01/1995 - 12/1998	L4	1799	109	7
C18XE 1799cc Inline4 DOHC 4v	09/1993 - 02/1998	L4	1799	109	7
1.9L Starfire Inline4 OHV 2v	09/1978 - 03/1984	L4	1891	115	25
1998cc 20JD Family II Gen 2 Inline4 SOHC 2v	04/1987 - 08/1989	L4	1998	121	24
C20LET 1998cc Inline4 DOHC 4v Turbo	07/1994 - 11/1997	L4	1998	121	10
C20NE 1998cc Inline4 SOHC 2v	10/1991 - 12/1997	L4	1998	121	23
C20SEL 1998cc Inline4 DOHC 4v	06/1997 - 08/2000	L4	1998	121	23
C20XE 1998cc Inline4 DOHC 4v	10/1991 - 10/1997	L4	1998	121	23
X20SE 1998cc Inline4 SOHC 2v	01/1995 - 12/2000	L4	1998	121	23
X20SED 1998cc Inline4 DOHC 4v	07/1997 - 12/2003	L4	1998	121	27
X20XEV 1998cc Inline4 DOHC 4v	01/1995 - 12/1999	L4	1998	121	23
Z20LET 1998cc Inline4 DOHC 4v Turbo	05/2003 - On	L4	1998	121	26
132ci Grey Motor Inline6 OHV 2v	01/1948 - 12/1959	L6	2174	132	13
C22NE 2198cc Inline4 SOHC 2v	06/1998 - 02/2003	L4	2198	134	6
C22SEL 2198cc Inline4 DOHC 4v	06/1997 - 02/2003	L4	2198	134	6
X22SE 2198cc Inline4 DOHC 4v	02/1999 - 11/2002	L4	2198	134	6
X22XE 2198cc Inline4 DOHC 4v	02/1995 - 09/1999	L4	2198	134	6
Z22SE 2198cc Inline4 DOHC 4v	10/2001 - On	L4	2198	134	12
138ci Grey Motor Inline6 OHV 2v	01/1960 - 08/1963	L6	2261	138	13
138ci Red Motor Inline6 OHV 2v	10/1969 - 03/1974	L6	2261	138	1
C24SE 2405cc Inline4 SOHC 2v	02/2003 - On	L4	2405	146	9
149ci Red Motor Inline6 OHV 2v	08/1963 - 04/1966	L6	2441	149	1
C25XE 2498cc V6 DOHC 4v	07/1993 - 12/1998	V6	2498	152	22
X25XE 2498cc V6 DOHC 4v	01/1995 - 02/2003	V6	2498	152	22
161ci Red Motor Inline6 OHV 2v	04/1966 - 02/1972	L6	2638	161	1
173ci Red Motor Inline6 OHV 2v	07/1971 - 03/1980	L6	2834	173	2
173ci (2850) Blue Motor Inline6 OHV 2v	03/1980 - 12/1985	L6	2850	173	2
179ci Inline6 OHV 2v	08/1963 - 04/1966	L6	2933	179	1
3.0L LF1 SIDI (Alloytec) HFV6 DOHC 4v	08/2009 - On	V6	2997	182	5
186ci Red Motor Inline6 OHV 2v	04/1966 - 01/1972	L6	3048	186	1
3.2L 10HMA (Alloytec) HFV6 DOHC 4v	01/2006 - On	V6	3195	194	5
202ci Blue/Black Inline6 OHV 2v	03/1980 - 03/1986	L6	3310	202	2
202ci Red Motor Inline6 OHV 2v	07/1971 - 12/1984	L6	3310	202	2
3.6L LLT SIDI (Alloytec) HFV6 DOHC 4v	08/2009 - On	V6	3564	217	5
3.6L LY7 (Alloytec) HFV6 DOHC 4v	08/2004 - On	V6	3564	217	5
3.8L Ecotec V6 OHV 2v	04/1995 - 08/2004	V6	3791	231	19
3.8L Ecotec V6 OHV 2v S/Charged	09/1996 - 08/2004	V6	3791	231	20
3.8L V6 OHV 2v	08/1988 - 04/1995	V6	3791	231	18
253ci Blue Motor V8 OHV 2v	03/1980 - 12/1984	V8	4145	253	3
253ci Red Motor V8 OHV 2v	01/1969 - 12/1984	V8	4145	253	3
5.0L 4987cc V8 OHV 2v	10/1986 - 10/1988	V8	4987	304	3

Holden



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
5.0L 4987cc V8 OHV EFI 2v	03/1988 - 12/2000	V8	4987	304	3
308ci Blue/Black V8 OHV 2v	03/1980 - 08/1986	V8	5047	308	3
308ci Red Motor V8 OHV 2v	01/1969 - 12/1984	V8	5047	308	3
5.7L Gen III LS1 V8 OHV 2v	06/1999 - On	V8	5665	345	28
5.7L 5737cc V8 OHV EFI 2v	01/1994 - 06/1999	V8	5737	350	3
355ci Stroker V8 OHV 2v	01/1960 - 01/1990	V8	5817	355	21
6.0L Gen IV L76 V8 OHV 2v	01/2006 - On	V8	5967	364	8
6.0L Gen IV L98 V8 OHV 2v	08/2006 - On	V8	5967	364	8



1 Engine		Year	Cyl	Bore x Stroke	1		
138ci Red Motor Inline6 OHV 2v		10/1969 - 03/1974	L6	3.13in x 3.00in			
149ci Red Motor Inline6 OHV 2v		08/1963 - 04/1966	L6	3.25in x 3.00in			
161ci Red Motor Inline6 OHV 2v		04/1966 - 02/1972	L6	3.38in x 3.00in			
179ci Inline6 OHV 2v		08/1963 - 04/1966	L6	3.56in x 3.00in			
186ci Red Motor Inline6 OHV 2v		04/1966 - 01/1972	L6	3.63in x 3.00in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2380 STD, 001, 002, 010, 020, 030,		48.235/1.8990 48.260/1.9000	51.427/2.0247 51.440/2.0252	1.575/.0620	18.34/.722	F780	2380 IH
RACE SERIES							
6B2380H STD, 001, 010, 020		48.235/1.8990 48.260/1.9000	51.427/2.0247 51.440/2.0252	1.572/.0619	18.34/.722	F781	2380H IH
RACE SERIES							
6B2380HX STD		48.235/1.8990 48.260/1.9000	51.427/2.0247 51.440/2.0252	1.559/.0614	18.34/.722	F781	2380HX IH
RACE SERIES							
7M2384H STD, 001, 010, 020	1,2,3,4,5,6	55.824/2.1978 55.849/2.1988	60.721/2.3906 60.747/2.3916	2.423/.0954	20.49/.807	F780	2384H UL
	7	55.824/2.1978 55.850/2.1988	60.721/2.3906 60.747/2.3916	2.423/.0954	25.63/1.009	F780	2385H(F) UL
RACE SERIES							
7M2384HX STD	1,2,3,4,5,6	55.824/2.1978 55.849/2.1988	60.721/2.3906 60.747/2.3916	2.410/.0949	20.49/.807	F780	2384HX UL
	7	55.824/2.1978 55.850/2.1988	60.721/2.3906 60.747/2.3916	2.410/.0949	25.63/1.009	F780	2385HX(F) UL
RACE SERIES							
7M2384P STD, 001, 010, 020, 030, 040	1,2,3,4,5,6	55.824/2.1978 55.849/2.1988	60.721/2.3906 60.747/2.3916	2.426/.0955	20.50/.807	F780	2384 UL
	7	55.824/2.1978 55.850/2.1988	60.721/2.3906 60.747/2.3916	2.426/.0955	25.63/1.009	F780	2385(F) UL
RACE SERIES							
4C5116 STD, 001, 005, 010	1,2,3,4	44.844/1.7655 44.856/1.7660	48.153/1.8958 48.204/1.8978	1.636/.0644	21.08/.830	F23	5116

2 Engine		Year	Cyl	Bore x Stroke	2		
173ci (2850) Blue Motor Inline6 OHV 2v		03/1980 - 12/1985	L6	88.9mm x 76.2mm			
173ci Red Motor Inline6 OHV 2v		07/1971 - 03/1980	L6	3.50in x 3.00in			
202ci Blue/Black Inline6 OHV 2v		03/1980 - 03/1986	L6	3.63in x 3.25in			
202ci Red Motor Inline6 OHV 2v		07/1971 - 12/1984	L6	3.63in x 3.25in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2380 STD, 001, 002, 010, 020, 030,		48.235/1.8990 48.260/1.9000	51.427/2.0247 51.440/2.0252	1.575/.0620	18.34/.722	F780	2380 IH
RACE SERIES							
6B2380H STD, 001, 010, 020		48.235/1.8990 48.260/1.9000	51.427/2.0247 51.440/2.0252	1.572/.0619	18.34/.722	F781	2380H IH
RACE SERIES							
6B2380HX STD		48.235/1.8990 48.260/1.9000	51.427/2.0247 51.440/2.0252	1.559/.0614	18.34/.722	F781	2380HX IH
RACE SERIES							
7M2398H STD, 001, 010, 020	1,2,3,4,5,6	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.423/.0954	20.50/.807	F780	2398H UL
	7	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.423/.0954	25.63/1.009	F780	2399H(F) UL
RACE SERIES							
7M2398HX STD	1,2,3,4,5,6	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.410/.0949	20.50/.807	F780	2398HX UL



2 Continued ...							2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
7M2398HX STD	7	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.410/.0949	25.63/1.009	F780	2399HX(F) UL
7M2398P STD, 001, 010, 020, 030, 040	MAINS 1,2,3,4,5,6	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.426/.0955	20.50/.807	F780	2398 UL
	7	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.426/.0955	25.63/1.009	F780	2399(F) UL
4C5116 STD, 001, 005, 010	CAMS 1,2,3,4	44.844/1.7655 44.856/1.7660	48.153/1.8958 48.204/1.8978	1.636/.0644	21.08/.830	F23	5116

3 Engine	Year	Cyl	Bore x Stroke	3
253ci Blue Motor V8 OHV 2v	03/1980 - 12/1984	V8	3.63in x 3.06in	
253ci Red Motor V8 OHV 2v	01/1969 - 12/1984	V8	3.63in x 3.06in	
308ci Blue/Black V8 OHV 2v	03/1980 - 08/1986	V8	4.00in x 3.06in	
308ci Red Motor V8 OHV 2v	01/1969 - 12/1984	V8	4.00in x 3.00in	
5.0L 4987cc V8 OHV 2v	10/1986 - 10/1988	V8	101.6mm x 76.9mm	
5.0L 4987cc V8 OHV EFI 2v	03/1988 - 12/2000	V8	101.6mm x 76.9mm	
5.7L 5737cc V8 OHV EFI 2v	01/1994 - 06/1999	V8	101.6mm x 88.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 8B2356H STD, 001, 010, 020	CONROD	53.950/2.1240 53.975/2.1250	57.142/2.2497 57.160/2.2504	1.572/.0619	19.75/.778	F781	2356H UL
RACE SERIES 8B2356HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.559/.0614	19.75/.778	F781	2356HX UL
8B2356P STD, 001, 010, 020, 030, 040,	CONROD	53.950/2.1240 53.975/2.1250	57.142/2.2497 57.160/2.2504	1.575/.0620	19.75/.778	F780	2356 IH
5M2354 010, 020, 030, 040	MAINS 1,2,3,4	<i>Has overwidth flanges: 010/020=Std+010", 030/040=Std+020"</i>		2.426/.0955	22.73/.895	F780	2357 UL
	5	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.553/.1005	27.96/1.101	F780	2354(F) UL
5M2357 STD, 001, 010, 020, 030, 040	MAINS 1,2,3,4	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.426/.0955	22.73/.895	F780	2357 UL
	5	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.426/.0955	27.71/1.091	F780	2358(F) UL
RACE SERIES 5M2357H STD, 001, 010, 020	MAINS 1,2,3,4	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.423/.0954	22.73/.895	F780	2357H UL
	5	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.423/.0954	27.71/1.091	F780	2358H(F) UL
RACE SERIES 5M2357HX STD	MAINS 1,2,3,4	<i>0.001" extra oil clearance on STD journal.</i>		2.410/.0949	22.73/.895	F780	2357HX UL
	5	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.410/.0949	27.71/1.091	F780	2358HX(F) UL
5C5146 STD, 002	CAMS 1	47.960/1.8882 47.986/1.8892	51.537/2.0290 51.587/2.0310	1.765/.0695	20.06/.790	F23	5146
	2	47.960/1.8882 47.986/1.8892	51.283/2.0190 51.333/2.0210	1.638/.0645	20.06/.790	F23	5147
	3	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.765/.0695	20.06/.790	F23	5148
	4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.638/.0645	20.06/.790	F23	5149



3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5C5146 STD, 002	5	40.107/1.5790 40.132/1.5800	43.429/1.7098 43.480/1.7118	1.638/.0645	20.06/.790	F23	5140
RACE SERIES		CAMS					
5C5146C STD, 002, 010	1	47.960/1.8882 47.986/1.8892	51.537/2.0290 51.587/2.0310	1.765/.0695	20.06/.790	F830	5146C
	2	47.960/1.8882 47.986/1.8892	51.283/2.0190 51.333/2.0210	1.638/.0645	20.06/.790	F830	5147C
	3	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.765/.0695	20.06/.790	F830	5148C
	4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.638/.0645	20.06/.790	F830	5149C
	5	40.107/1.5790 40.132/1.5800	43.429/1.7098 43.480/1.7118	1.638/.0645	20.06/.790	F830	5140C

4 Engine				Year	Cyl	Bore x Stroke	4
X18XE1 1796cc Inline4 DOHC 4v				01/1998 - 11/2000	L4	80.5mm x 88.2mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Oil hole in upper and lower shell. Supersedes 4B1340 and 4B1345. Was 4B1451AL.</i>							
4B1350A STD, .25, .50, .75, 1.00		42.971/1.6918 42.987/1.6924	46.000/1.8110 46.013/1.8115	1.497/.0589	16.63/.655	F810	1350A IH
MAINS <i>Overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.20mm, 0.50/0.75/1.00/1.25/1.50mm=Std+0.40mm. Was 5M1801A.</i>							
5M1338A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5 3	54.972/2.1642 54.985/2.1648 54.972/2.1642 54.985/2.1648	59.000/2.3228 59.013/2.3233 59.000/2.3228 59.013/2.3233	2.001/.0788 2.001/.0788	19.50/.768 25.90/1.020	F810 F810	1338A IH 1339A(F) IH

5 Engine				Year	Cyl	Bore x Stroke	5
3.0L LF1 SIDI (Alloytec) HFV6 DOHC 4v				08/2009 - On	V6	89.0mm x 80.3mm	
3.2L 10HMA (Alloytec) HFV6 DOHC 4v				01/2006 - On	V6	89.0mm x 85.6mm	
3.6L LLT SIDI (Alloytec) HFV6 DOHC 4v				08/2009 - On	V6	94.0mm x 85.6mm	
3.6L LY7 (Alloytec) HFV6 DOHC 4v				08/2004 - On	V6	94.0mm x 85.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2270A STD, .25, .50, .75, 1.00		55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.801/.0709	18.55/.730	F810	2270A IH
RACE SERIES							
6B2270H Std, .025, .25		55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.798/.0708	18.55/.730	F781	2270H IH
RACE SERIES							
6B2270HX Std		55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.785/.0703	18.55/.730	F781	2270HX IH
MAINS							
4M2273A STD, .25, .50, .75, 1.00	1,2,4 3 3	67.992/2.6768 68.008/2.6775 67.992/2.6768 68.008/2.6775 67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694 72.866/2.8687 72.882/2.8694 72.866/2.8687 72.882/2.8694	2.427/.0956 2.427/.0956 2.427/.0956	19.75/.778 19.75/.778 24.29/.956	F810 F810 F810	2273A UL 2273A L 2274A(F) U
RACE SERIES							
4M2273H Std, .025, .25	1,2,4 3 3	67.992/2.6768 68.008/2.6775 67.992/2.6768 68.008/2.6775 67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694 72.866/2.8687 72.882/2.8694 72.866/2.8687 72.882/2.8694	2.422/.0954 2.422/.0954 2.422/.0954	19.75/.778 24.29/.956 19.75/.778	F780 F780 F780	2273H UL 2274H(F) U 2273H L



5 Continued ... **5**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 4M2273HX Std	MAINS 1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	19.75/.778	F780	2273HX UL
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	24.29/.956	F780	2274HX(F) U
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	19.75/.778	F770	2273HX L

6 Engine **6**

	Year	Cyl	Bore x Stroke
C22NE 2198cc Inline4 SOHC 2v	06/1998 - 02/2003	L4	86.0mm x 94.6mm
C22SEL 2198cc Inline4 DOHC 4v	06/1997 - 02/2003	L4	86.0mm x 94.6mm
X22SE 2198cc Inline4 DOHC 4v	02/1999 - 11/2002	L4	86.0mm x 94.6mm
X22XE 2198cc Inline4 DOHC 4v	02/1995 - 09/1999	L4	86.0mm x 94.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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	CONROD	<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
4B2322A STD, .25, .50, .75, 1.00		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2322A UL
RACE SERIES 4B2322H STD, .025, .25, .50	CONROD	48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL
RACE SERIES 4B2322HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.485/.0585	19.30/.760	F781	2322HX UL
	MAINS	<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have 2 oil holes.</i>					
5M2325A STD, .25, .50, .75, 1.00	1,2,4,5 3	57.982/2.2828 57.995/2.2833 57.974/2.2824 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785 1.995/.0785	19.50/.768 25.90/1.020	F810 F810	2327A IH 2325A(F) IH

7 Engine **7**

	Year	Cyl	Bore x Stroke
1796cc 18JC Family II Gen 2 Inline4 SOHC 2v	01/1986 - 03/1987	L4	84.8mm x 79.5mm
1796cc 18LE Family II Gen 2 Inline4 SOHC 2v	01/1987 - 09/1991	L4	84.8mm x 79.5mm
C18SEL 1799cc Inline4 DOHC 4v	01/1995 - 12/1998	L4	81.6mm x 86.0mm
C18XE 1799cc Inline4 DOHC 4v	09/1993 - 02/1998	L4	81.6mm x 86.0mm
X18XE 1796cc Inline4 DOHC 4v	08/1998 - 10/2001	L4	81.6mm x 86.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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	CONROD	<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
4B2322A STD, .25, .50, .75, 1.00		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2322A UL
RACE SERIES 4B2322H STD, .025, .25, .50	CONROD	48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL
RACE SERIES 4B2322HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.485/.0585	19.30/.760	F781	2322HX UL
	MAINS	<i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>					
5M2293A STD, .25, .50	1,2,4,5 3	57.982/2.2828 57.995/2.2833 57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785 1.995/.0785	19.50/.768 25.90/1.020	F820 F820	2293AL UL 2294AL UL
	MAINS	<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>					
5M2327A STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F810	2327A IH



7 Continued ...							7
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M2327A STD, .25, .50, .75, 1.00	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F)
		57.995/2.2833	62.013/2.4415				IH
MAINS		<i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>					
5M2329A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2329A(F)
		57.995/2.2833	62.013/2.4415				IH

8 Engine				Year	Cyl	Bore x Stroke	8
6.0L Gen IV L76 V8 OHV 2v				01/2006 - On	V8	4.00in x 3.62in	
6.0L Gen IV L98 V8 OHV 2v				08/2006 - On	V8	4.00in x 3.62in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B663A STD, 01, 10, 20, 30, 40		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F810	2376A
		53.340/2.1000	56.520/2.2252				IH
RACE SERIES							
8B663H STD, 001, 009, 010, 011, 020		53.315/2.0990	56.507/2.2247	1.572/.0619	21.25/.837	F781	2376H
		53.340/2.1000	56.520/2.2252				UL
RACE SERIES							
8B663HD STD, 001, 010		<i>Dowel hole in upper half.</i>					
		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F781	2376H
		53.340/2.1000	56.520/2.2252				U
		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F781	2376HD
		53.340/2.1000	56.520/2.2252				L
RACE SERIES							
8B663HX STD		<i>0.001" extra oil clearance on STD journal.</i>					
		53.315/2.0990	56.507/2.2247	1.559/.0614	21.25/.837	F781	2376HX
		53.340/2.1000	56.520/2.2252				UL
RACE SERIES							
8B663HXD STD		<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>					
		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HX
		53.340/2.1000	56.520/2.2252				U
		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HXD
		53.340/2.1000	56.520/2.2252				L
CONROD							
8B663P STD, 01, 10, 20, 30, 40		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F780	2376
		53.340/2.1000	56.520/2.2252				IH
MAINS							
5M7297A STD, 010, 020, 030, 040	1,2,4,5	64.993/2.5588	69.873/2.7509	2.430/.0957	20.45/.805	F810	7298A
		65.007/2.5593	69.887/2.7515				UL
	3	64.993/2.5588	69.873/2.7509	2.430/.0957	26.10/1.028	F810	7297A(F)
		65.007/2.5593	69.887/2.7515				UL
RACE SERIES							
5M7297H STD, 001, 010, 020	1,2,4,5	64.993/2.5588	69.873/2.7509	2.430/.0957	20.45/.805	F780	7298H
		65.007/2.5593	69.887/2.7515				UL
	3	64.993/2.5588	69.873/2.7509	2.430/.0957	26.10/1.028	F780	7297H(F)
		65.007/2.5593	69.887/2.7515				UL
RACE SERIES							
5M7297HX STD	1,2,4,5	<i>0.001" extra oil clearance on STD journal.</i>					
		64.993/2.5588	69.873/2.7509	2.417/.0952	20.45/.805	F780	7298HX
	3	64.993/2.5588	69.873/2.7509	2.417/.0952	26.10/1.028	F780	7297HX(F)
		65.007/2.5593	69.887/2.7515				UL
CAMS							
5C1001S STD	1,5	<i>2nd design # 1 & 5 housing size of 2.3460"-2.3480".</i>					
		54.991/2.1650	59.588/2.3460	2.260/.0890	16.00/.630	F23	CH-23-1
		55.042/2.1670	59.639/2.3480				
	2,4	54.991/2.1650	59.080/2.3260	2.029/.0799	16.00/.630	F23	CH-10-1
		55.042/2.1670	59.131/2.3280				
	3	54.991/2.1650	58.580/2.3063	1.778/.0700	16.00/.630	F23	CH-10-3
		55.042/2.1670	58.631/2.3083				

9	Engine	Year	Cyl	Bore x Stroke	9
	C24SE 2405cc Inline4 SOHC 2v	02/2003 - On	L4	87.5mm x 100.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
4B2322A STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A UL
		48.987/1.9286	52.012/2.0477				
RACE SERIES							
4B2322H STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H UL
		48.987/1.9286	52.012/2.0477				
RACE SERIES							
4B2322HX STD		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX UL
		48.987/1.9286	52.012/2.0477				
MAINS <i>0.001" extra oil clearance on STD journal.</i>							
<i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>							
5M2293A STD, .25, .50	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F820	2293AL UL
		57.995/2.2833	62.013/2.4415				
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F820	2294AL UL
		57.995/2.2833	62.013/2.4415				

10	Engine	Year	Cyl	Bore x Stroke	10
	C20LET 1998cc Inline4 DOHC 4v Turbo	07/1994 - 11/1997	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole in the upper shell at 13 degrees from centre.</i>							
4B2320A STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2320A UL
		48.987/1.9286	52.012/2.0477				
CONROD <i>Has one oil hole in the upper shell at 13 degrees from centre.</i>							
4B2320P STD, .25, .50, .75, 1.00		52.000/2.0472	52.012/2.0477	1.500/.0591	19.30/.760	F780	2320 UL
		48.987/1.9286	52.012/2.0477				
RACE SERIES							
4B2322H STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H UL
		48.987/1.9286	52.012/2.0477				
RACE SERIES							
4B2322HX STD		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX UL
		48.987/1.9286	52.012/2.0477				
MAINS <i>0.001" extra oil clearance on STD journal.</i>							
<i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>							
5M2293A STD, .25, .50	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F820	2293AL UL
		57.995/2.2833	62.013/2.4415				
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F820	2294AL UL
		57.995/2.2833	62.013/2.4415				
MAINS <i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>							
5M2327A STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A IH
		57.995/2.2833	62.013/2.4415				
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F) IH
		57.995/2.2833	62.013/2.4415				
MAINS <i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>							
5M2329A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A IH
		57.995/2.2833	62.013/2.4415				
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2329A(F) IH
		57.995/2.2833	62.013/2.4415				



11 Engine		Year		Cyl	Bore x Stroke		11
Z18XE 1796cc Inline4 DOHC 4v Non VVT Not Variable Valve Timed Engine.		11/2000 - On		L4	80.5mm x 88.2mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD (For South Africa). Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.							
4B2322A STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A
		48.987/1.9286	52.012/2.0477				UL
RACE SERIES CONROD (For South Africa).							
4B2322H STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				UL
RACE SERIES CONROD (For South Africa). 0.001" extra oil clearance on STD journal.							
4B2322HX STD		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
MAINS Overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.20mm, 0.50/0.75/1.00/1.25/1.50mm=Std+0.40mm. Was 5M1801A.							
5M1338A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	54.972/2.1642	59.000/2.3228	2.001/.0788	19.50/.768	F810	1338A
		54.985/2.1648	59.013/2.3233				IH
	3	54.972/2.1642	59.000/2.3228	2.001/.0788	25.90/1.020	F810	1339A(F)
		54.985/2.1648	59.013/2.3233				IH
MAINS (For South Africa). Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.							
5M2327A STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F)
		57.995/2.2833	62.013/2.4415				IH
MAINS (For South Africa). Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.							
5M2329A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2329A(F)
		57.995/2.2833	62.013/2.4415				IH

12 Engine		Year		Cyl	Bore x Stroke		12
Z22SE 2198cc Inline4 DOHC 4v		10/2001 - On		L4	86.0mm x 94.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2296A STD, .25, .50, .75		49.000/1.9291	52.118/2.0519	1.542/.0607	20.30/.799	F810	2296A
		49.014/1.9297	52.134/2.0525				IH
MAINS							
5M2232A STD, 10, 20	1,3,4,5	55.991/2.2044	64.066/2.5223	4.036/.1589	19.79/.779	F810	7320A
		56.007/2.2050	64.081/2.5229				UL
	2	55.991/2.2044	64.066/2.5223	4.041/.1591	25.88/1.019	F810	7321A(F)
		56.007/2.2050	64.081/2.5229				UL

13 Engine		Year		Cyl	Bore x Stroke		13
132ci Grey Motor Inline6 OHV 2v 138ci Grey Motor Inline6 OHV 2v		01/1948 - 12/1959 01/1960 - 08/1963		L6 L6	76.2mm x 79.4mm 3.06in x 3.13in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B5001A STD, 010, 020, 030, 040		44.399/1.7480	47.612/1.8745	1.582/.0623	25.96/1.022	F820	5001AL
		44.425/1.7490	47.625/1.8750				IH
MAINS Has overwidth flanges for undersizes: Std=Std, 010/020"=Std+004", 030/040"=Std+008".							
4M3084A STD, 010, 020, 030, 040	1,4	50.749/1.9980	54.648/2.1515	1.918/.0755	32.13/1.265	F820	3084AL
		50.762/1.9985	54.661/2.1520				IH
	2	50.749/1.9980	54.648/2.1515	1.918/.0755	30.04/1.183	F820	3085AL(F)
		50.762/1.9985	54.661/2.1520				IH

13 Continued ... 13

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4M3084A STD, 010, 020, 030, 040	3	50.749/1.9980 50.762/1.9985	54.648/2.1515 54.661/2.1520	1.918/.0755	25.27/.995	F820	3086AL IH
CAMS							
4C3088 STD, 005, 010	1	46.825/1.8435 46.850/1.8445	50.102/1.9725 50.127/1.9735	1.619/.0637	25.65/1.010	F23	3088DR
	2	46.017/1.8117 46.043/1.8127	49.289/1.9405 49.314/1.9415	1.619/.0637	22.48/.885	F23	3089DR
	3	45.225/1.7805 45.250/1.7815	48.501/1.9095 48.527/1.9105	1.619/.0637	22.48/.885	F23	3090DR
	4	31.750/1.2500 31.775/1.2510	35.014/1.3785 35.039/1.3795	1.619/.0637	22.48/.885	F23	3091DR
PISTON PIN BUSH <i>Has Reaming Allowance.</i>							
RB808		19.050/.7500 19.050/.7500	22.200/.8740 22.238/.8755	1.650/.0650	25.40/1.000	F100	RB808
PISTON PIN BUSH							
RB876		19.050/.7500 19.050/.7500	22.200/.8740 22.238/.8755	1.850/.0728	25.40/1.000	F100	RB876
ROCKER ARM BUSH							
B777		20.130/.7925 20.155/.7935	23.292/.9170 23.317/.9180		21.59/.850	F100	B777

14 Engine Year Cyl Bore x Stroke 14

1159cc Inline4 OHV 2v 01/1966 - 07/1972 L4 77.7mm x 61.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B5121A STD, 010, 020, 030, 040		44.971/1.7705 44.988/1.7712	48.158/1.8960 48.171/1.8965	1.570/.0618	19.20/.756	F820	5121AL IH
	<i>Overwidth flanges on undersizes: Std=Std, 010/020=Std+004", 030/040=Std+008".</i>						
3M5123A STD, 010, 020, 030, 040	1,3	53.988/2.1255 54.000/2.1260	58.000/2.2835 58.014/2.2840	1.994/.0785	25.57/1.007	F820	5122AL IH
	2	53.988/2.1255 54.000/2.1260	58.000/2.2835 58.014/2.2840	1.989/.0783	32.74/1.289	F820	5123AL(F) UL
	CAMS						
3C5126 STD	1	40.963/1.6127 40.975/1.6132	44.000/1.7323 44.025/1.7333	1.486/.0585	21.00/.827	F23	5126
	2	40.462/1.5930 40.475/1.5935	43.500/1.7126 43.525/1.7136	1.486/.0585	21.00/.827	F23	5127
	3	39.962/1.5733 39.974/1.5738	43.000/1.6929 43.025/1.6939	1.486/.0585	21.00/.827	F23	5128

15 Engine Year Cyl Bore x Stroke 15

1598cc 16JH Family II Gen1 Inline4 SOHC 2v 01/1982 - 03/1987 L4 80.0mm x 79.5mm
 1598cc 16LF Family II Gen1 Inline4 SOHC 2v 01/1982 - 09/1991 L4 80.0mm x 79.5mm
 1796cc 18JU Family II Gen1 Inline4 SOHC 2v 11/1984 - 03/1987 L4 84.8mm x 79.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
4B2322A STD, .25, .50, .75, 1.00		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2322A UL
RACE SERIES							
4B2322H STD, .025, .25, .50		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL
RACE SERIES							
4B2322HX STD		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.485/.0585	19.30/.760	F781	2322HX UL



15 Continued ...								15
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
<i>Has one oil hole in the upper shell at 42 degrees from centre. Suits earlier engines up to 11/85.</i>								
4B2326P STD, .25, .50, .75, 1.00, 1.50		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F780	2326 UL	
MAINS								
<i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>								
5M2293A STD, .25, .50	1,2,4,5 3	57.982/2.2828 57.995/2.2833 57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785 1.995/.0785	19.50/.768 25.90/1.020	F820 F820	2293AL UL 2294AL UL	
MAINS								
<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>								
5M2327A STD, .25, .50, .75, 1.00	1,2,4,5 3	57.982/2.2828 57.995/2.2833 57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785 1.995/.0785	19.50/.768 25.90/1.020	F810 F810	2327A IH 2328A(F) IH	
MAINS								
<i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>								
5M2329A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5 3	57.982/2.2828 57.995/2.2833 57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785 1.995/.0785	19.50/.768 25.90/1.020	F810 F810	2327A IH 2329A(F) IH	

16 Engine								Year	Cyl	Bore x Stroke	16
1256cc Inline4 OHV 2v								01/1971 - 12/1985	L4	81.0mm x 61.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.				
CONROD											
<i>From Engine No. 1400011.</i>											
4B5120A STD, 010, 020, 030, 040		46.487/1.8302 46.507/1.8310	49.594/1.9525 49.606/1.9530	1.529/.0602	19.20/.756	F820	5120AL IH				
CONROD											
4B5121A STD, 010, 020, 030, 040		44.971/1.7705 44.988/1.7712	48.158/1.8960 48.171/1.8965	1.570/.0618	19.20/.756	F820	5121AL IH				
MAINS											
<i>Overwidth flanges on undersizes: Std=Std, 010/020=Std+004", 030/040=Std+008".</i>											
3M5123A STD, 010, 020, 030, 040	1,3 2	53.988/2.1255 54.000/2.1260 53.988/2.1255 54.000/2.1260	58.000/2.2835 58.014/2.2840 58.000/2.2835 58.014/2.2840	1.994/.0785 1.989/.0783	25.57/1.007 32.74/1.289	F820 F820	5122AL IH 5123AL(F) UL				
CAMS											
3C5126 STD	1 2 3	40.963/1.6127 40.975/1.6132 40.462/1.5930 40.475/1.5935 39.962/1.5733 39.974/1.5738	44.000/1.7323 44.025/1.7333 43.500/1.7126 43.525/1.7136 43.000/1.6929 43.025/1.6939	1.486/.0585 1.486/.0585 1.486/.0585	21.00/.827 21.00/.827 21.00/.827	F23 F23 F23	5126 5127 5128				



17	Engine	Year	Cyl	Bore x Stroke	17
	C12NZ 1196cc Inline4 SOHC 2v	01/1994 - 09/1997	L4	72.0mm x 73.4mm	
	C14NZ 1389cc Inline4 SOHC 2v	04/1994 - 07/1997	L4	77.6mm x 73.4mm	
	C14SE 1389cc Inline4 SOHC 2v	04/1997 - 09/2002	L4	77.6mm x 73.4mm	
	C16SE 1598cc Inline4 SOHC 2v	08/1996 - 09/1998	L4	79.0mm x 81.5mm	
	C16XE 1598cc Inline4 DOHC 4v	04/1994 - 11/1999	L4	79.0mm x 81.5mm	
	Z14XE 1389cc Inline4 DOHC 4v	02/1998 - 12/2004	L4	77.6mm x 73.4mm	
	Z16SE 1598cc Inline4 SOHC 2v	09/2002 - On	L4	79.0mm x 81.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS							
<i>Overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.20mm, 0.50/0.75/1.00/1.25/1.50mm=Std+0.40mm. Was 5M1801A.</i>							
5M1338A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	54.972/2.1642	59.000/2.3228	2.001/.0788	19.50/.768	F810	1338A
		54.985/2.1648	59.013/2.3233				IH
	3	54.972/2.1642	59.000/2.3228	2.001/.0788	25.90/1.020	F810	1339A(F)
		54.985/2.1648	59.013/2.3233				IH

18	Engine	Year	Cyl	Bore x Stroke	18
	3.8L V6 OHV 2v	08/1988 - 04/1995	V6	96.5mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES							
6B2306H							
STD, 001, 010, 020							
CONROD							
<i>0.001" extra oil clearance on STD journal.</i>							
6B2306HX STD	CONROD	57.117/2.2487	60.300/2.3740	1.568/.0617	18.30/.720	F781	2306H
		57.137/2.2495	60.312/2.3745				IH
CONROD							
<i>18.30mm wide. VN series 2, VP, VR, VS, VT, VX, VY.</i>							
6B2306P STD, 010, 020, 030, 040	CONROD	57.117/2.2487	60.300/2.3740	1.570/.0618	18.30/.720	F780	2306
		57.137/2.2495	60.312/2.3745				IH
CONROD							
<i>16.74mm Wide, VN Series 1. Same as 6B1228P.</i>							
6B2360P STD, 001, 010, 020, 030, 040	CONROD	57.117/2.2487	60.295/2.3738	1.572/.0619	16.74/.659	F780	2360
		57.147/2.2499	60.312/2.3745				IH
MAINS							
<i>= 4M1822A. Suits VN Series 2 and VP.</i>							
4M2302A STD, 010, 020, 030, 040	1,3	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A
		63.495/2.4998	68.275/2.6880				L
	1,3,4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A
		63.495/2.4998	68.275/2.6880				U
	2	63.470/2.4988	68.250/2.6870	2.374/.0935	26.87/1.058	F810	2303A(F)
		63.495/2.4998	68.275/2.6880				UL
	4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2305A
		63.495/2.4998	68.275/2.6880				L
MAINS							
<i>Suits VR. Was 4M2021A. Suits VR.</i>							
4M2309A STD, 010, 020, 030, 040	1,3	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A
		63.495/2.4998	68.275/2.6880				L
	1,3,4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A
		63.495/2.4998	68.275/2.6880				U
	2	63.470/2.4988	68.250/2.6870	2.374/.0935	26.87/1.058	F810	2303A(F)
		63.495/2.4998	68.275/2.6880				UL
	4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2309A
		63.495/2.4998	68.275/2.6880				L
MAINS							
<i>Suits VN Series 2/VP Overwidth flange version of 4M2302. Flange dimensions are 010/020"undersize =Std+010".</i>							
4M2333P 010, 020	1,3	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F780	2302
		63.495/2.4998	68.275/2.6880				L
	1,3,4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F780	2302
		63.495/2.4998	68.275/2.6880				U
	2	63.470/2.4988	68.250/2.6870	2.501/.0985	27.12/1.068	F780	9022(F)
		63.495/2.4998	68.275/2.6880				UL
	4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F780	2305
		63.495/2.4998	68.275/2.6880				L



18 Continued ... **18**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
MAINS <i>Suits VR. Overwidth flange version of 4M2309P. Flange widths are: 010/020"undersize =Std+010".</i>								
4M2334 010, 020	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2302 L	
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2302 U	
	2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.501/.0985	27.12/1.068	F780	9022(F) UL	
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2309 L	
MAINS <i>VN series 1.</i>								
4M2362P STD, 001, 010, 020, 030, 040	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2362 UL	
	2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	26.87/1.058	F780	2364(F) UL	
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2359 U	
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2363 L	
RACE SERIES MAINS <i>Universal set i.e. contains 5 pairs of bearings.</i>								
4SM2222H STD, 001, 010, 020		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2309H L	
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	26.87/1.058	F780	2303H(F) UL	
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2299H L	
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2302H UL	
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2305H L	
RACE SERIES MAINS <i>0.001" extra oil clearance on STD journal. Universal set i.e. contains 5 pairs of bearings.</i>								
4SM2222HX STD		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2305HX L	
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	26.87/1.058	F780	2303HX(F) UL	
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2302HX UL	
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2299HX L	
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2309HX L	
CAMS								
4C5106 STD, 010	1,4	45.339/1.7850 45.364/1.7860	49.162/1.9355 49.213/1.9375	1.893/.0745	19.00/.748	F250	5105	
	2,3	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.639/.0645	15.75/.620	F250	5106	
CAMS <i>Repair cam full set. Positions 1,2,3,4.</i>								
4SC19580 STD, 010	1 & 4	45.339/1.7850 45.364/1.7860	49.836/1.9620 49.861/1.9630	2.230/.0878	19.00/.748	F250	19580	
	2 & 3	45.339/1.7850 45.364/1.7860	49.836/1.9620 49.861/1.9630	2.230/.0878	15.75/.620	F250	19549	

19 Engine **Year** **Cyl** **Bore x Stroke** **19**

3.8L Ecotec V6 OHV 2v 04/1995 - 08/2004 V6 96.5mm x 86.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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RACE SERIES CONROD							
6B2306H STD, 001, 010, 020		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.568/.0617	18.30/.720	F781	2306H IH



19		Continued ...						19
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES		CONROD						
		<i>0.001" extra oil clearance on STD journal.</i>						
6B2306HX STD		57.117/2.2487	60.300/2.3740	1.555/.0612	18.30/.720	F781	2306HX	
		57.137/2.2495	60.312/2.3745				IH	
6B2306P STD, 010, 020, 030, 040		CONROD						
		<i>18.30mm wide. VN series 2, VP, VR, VS, VT, VX, VY.</i>						
		57.117/2.2487	60.300/2.3740	1.570/.0618	18.30/.720	F780	2306	
		57.137/2.2495	60.312/2.3745				IH	
4M2299A STD, 010, 020, 030, 040		MAINS						
		<i>VS, VT, VX, VY.</i>						
	1	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2299A	
		63.495/2.4998	68.275/2.6880				L	
	1,3,4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A	
		63.495/2.4998	68.275/2.6880				U	
	2	63.470/2.4988	68.250/2.6870	2.374/.0935	26.87/1.058	F810	2303A(F)	
		63.495/2.4998	68.275/2.6880				UL	
	3	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A	
		63.495/2.4998	68.275/2.6880				L	
	4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2309A	
		63.495/2.4998	68.275/2.6880				L	
4M2335P 010, 020		MAINS						
		<i>Suits VS/VT/VX/VY. Overwidth flange version of set # 4M2299P. Flange sizes are: 010/020" undersize=Std+010".</i>						
	1	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F780	2299	
		63.495/2.4998	68.275/2.6880				L	
	1,3,4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F780	2302	
		63.495/2.4998	68.275/2.6880				U	
	2	63.470/2.4988	68.250/2.6870	2.501/.0985	27.12/1.068	F780	9022(F)	
		63.495/2.4998	68.275/2.6880				UL	
	3	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F780	2302	
		63.495/2.4998	68.275/2.6880				L	
	4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F780	2309	
		63.495/2.4998	68.275/2.6880				L	
RACE SERIES		MAINS						
		<i>Universal set i.e. contains 5 pairs of bearings.</i>						
4SM2222H STD, 001, 010, 020		63.470/2.4988	68.250/2.6870	2.372/.0934	22.07/.869	F780	2309H	
		63.495/2.4998	68.275/2.6880				L	
		63.470/2.4988	68.250/2.6870	2.372/.0934	22.07/.869	F780	2305H	
		63.495/2.4998	68.275/2.6880				L	
		63.470/2.4988	68.250/2.6870	2.372/.0934	22.07/.869	F780	2299H	
		63.495/2.4998	68.275/2.6880				L	
		63.470/2.4988	68.250/2.6870	2.372/.0934	22.07/.869	F780	2302H	
		63.495/2.4998	68.275/2.6880				UL	
		63.470/2.4988	68.250/2.6870	2.372/.0934	26.87/1.058	F780	2303H(F)	
		63.495/2.4998	68.275/2.6880				UL	
RACE SERIES		MAINS						
		<i>0.001" extra oil clearance on STD journal. Universal set i.e. contains 5 pairs of bearings.</i>						
4SM2222HX STD		63.470/2.4988	68.250/2.6870	2.359/.0929	22.07/.869	F780	2299HX	
		63.495/2.4998	68.275/2.6880				L	
		63.470/2.4988	68.250/2.6870	2.359/.0929	22.07/.869	F780	2305HX	
		63.495/2.4998	68.275/2.6880				L	
		63.470/2.4988	68.250/2.6870	2.359/.0929	26.87/1.058	F780	2303HX(F)	
		63.495/2.4998	68.275/2.6880				UL	
		63.470/2.4988	68.250/2.6870	2.359/.0929	22.07/.869	F780	2302HX	
		63.495/2.4998	68.275/2.6880				UL	
		63.470/2.4988	68.250/2.6870	2.359/.0929	22.07/.869	F780	2309HX	
		63.495/2.4998	68.275/2.6880				L	
4C5108 STD, 010		CAMS						
		<i>Suits VS/VT/VX/VY.</i>						
	1&4	46.858/1.8448	50.686/1.9955	1.880/.0740	19.00/.748	F250	5108	
		46.893/1.8462	50.737/1.9975					
	2&3	46.858/1.8448	50.178/1.9755	1.623/.0639	15.75/.620	F250	5109	
		46.893/1.8462	50.229/1.9775					
RB4106 UNB		PISTON PIN BUSH						
		<i>Semi-finished</i>						
		21.995/.8659	24.562/.9670	1.500/.0591	21.20/.835	F100	RB4106	
		22.000/.8661	24.562/.9670					



19 Continued ...								19		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.			
PISTON PIN BUSH <i>Has reaming allowance.</i>										
RB4106-R UNB		21.995/.8659 22.000/.8661	24.562/.9670 24.562/.9670	1.360/.0535	21.20/.835	F100	RB4106-R			
20 Engine								20		
3.8L Ecotec V6 OHV 2v S/Charged				Year	Cyl	Bore x Stroke				
				09/1996 - 08/2004	V6	96.5mm x 86.4mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.			
RACE SERIES 6B2306H STD, 001, 010, 020	CONROD	57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.568/.0617	18.30/.720	F781	2306H IH			
RACE SERIES 6B2306HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.555/.0612	18.30/.720	F781	2306HX IH	
6B2306P STD, 010, 020, 030, 040	CONROD	<i>18.30mm wide. VN series 2, VP, VR, VS, VT, VX, VY.</i>		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.570/.0618	18.30/.720	F780	2306 IH	
4M2299A STD, 010, 020, 030, 040	MAINS	<i>VS, VT, VX, VY.</i>		1	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2299A L
				1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A U
				2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	26.87/1.058	F810	2303A(F) UL
				3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A L
				4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2309A L
4M2235P 010, 020	MAINS	<i>Suits VS/VT/VX/VY. Overwidth flange version of set # 4M2299P. Flange sizes are: 010/020" undersize=Std+010".</i>		1	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2299 L
				1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2302 U
				2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.501/.0985	27.12/1.068	F780	9022(F) UL
				3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2302 L
				4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2309 L
RACE SERIES 4SM2222H STD, 001, 010, 020	MAINS	<i>Universal set i.e. contains 5 pairs of bearings.</i>			63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2302H UL
					63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2305H L
					63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2309H L
					63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2299H L
					63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	26.87/1.058	F780	2303H(F) UL
RACE SERIES 4SM2222HX STD	MAINS	<i>0.001" extra oil clearance on STD journal. Universal set i.e. contains 5 pairs of bearings.</i>			63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2305HX L
					63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	26.87/1.058	F780	2303HX(F) UL
					63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2299HX L
					63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2302HX UL

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20 Continued ... 20

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4SM2222HX STD		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2309HX L
CAMS		<i>Suits VS/VT/VX/VY.</i>					
4C5108 STD, 010	1&4	46.858/1.8448 46.893/1.8462	50.686/1.9955 50.737/1.9975	1.880/.0740	19.00/.748	F250	5108
	2&3	46.858/1.8448 46.893/1.8462	50.178/1.9755 50.229/1.9775	1.623/.0639	15.75/.620	F250	5109
CAMS		<i>Suits VS/VT/VX/VY. Repair cam bearing set, suits positions 1,2,3,4.</i>					
45C19581 STD, 010	1 & 4	46.858/1.8448 46.893/1.8462	51.283/2.0190 51.308/2.0200	2.179/.0858	19.00/.748	F250	19581
	2 & 3	46.858/1.8448 46.893/1.8462	51.283/2.0190 51.308/2.0200	2.176/.0857	15.75/.620	F250	19582

21 Engine Year Cyl Bore x Stroke 21
355ci Stroker V8 OHV 2v 01/1960 - 01/1990 V8 4.00in x 3.53in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES		CONROD					
8B663H STD, 001, 009, 010, 011, 020		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.572/.0619	21.25/.837	F781	2376H UL
RACE SERIES		CONROD					
8B663HD STD, 001, 010		<i>Dowel hole in upper half.</i>					
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376HD L
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376H U
RACE SERIES		CONROD					
8B663HX STD		<i>0.001" extra oil clearance on STD journal.</i>					
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.559/.0614	21.25/.837	F781	2376HX UL
RACE SERIES		CONROD					
8B663HXD STD		<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>					
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HXD L
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HX U
RACE SERIES		CONROD					
8B663P STD, 01, 10, 20, 30, 40		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F780	2376 IH
RACE SERIES		MAINS					
5M2357H STD, 001, 010, 020	1,2,3,4	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.423/.0954	22.73/.895	F780	2357H UL
	5	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.423/.0954	27.71/1.091	F780	2358H(F) UL
RACE SERIES		MAINS					
5M2357HX STD	1,2,3,4	<i>0.001" extra oil clearance on STD journal.</i>					
		60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.410/.0949	22.73/.895	F780	2357HX UL
	5	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.410/.0949	27.71/1.091	F780	2358HX(F) UL
RACE SERIES		CAMS					
5C5146C STD, 002, 010	1	47.960/1.8882 47.986/1.8892	51.537/2.0290 51.587/2.0310	1.765/.0695	20.06/.790	F830	5146C
	2	47.960/1.8882 47.986/1.8892	51.283/2.0190 51.333/2.0210	1.638/.0645	20.06/.790	F830	5147C
	3	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.765/.0695	20.06/.790	F830	5148C
	4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.638/.0645	20.06/.790	F830	5149C
	5	40.107/1.5790 40.132/1.5800	43.429/1.7098 43.480/1.7118	1.638/.0645	20.06/.790	F830	5140C



22	Engine	Year	Cyl	Bore x Stroke	22
	C25XE 2498cc V6 DOHC 4v	07/1993 - 12/1998	V6	81.6mm x 79.6mm	
	X25XE 2498cc V6 DOHC 4v	01/1995 - 02/2003	V6	81.6mm x 79.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2420A STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	16.30/.642	F810	2420A
		48.987/1.9286	52.012/2.0477				IH

23	Engine	Year	Cyl	Bore x Stroke	23
	C20NE 1998cc Inline4 SOHC 2v	10/1991 - 12/1997	L4	86.0mm x 86.0mm	
	C20SEL 1998cc Inline4 DOHC 4v	06/1997 - 08/2000	L4	86.0mm x 86.0mm	
	C20XE 1998cc Inline4 DOHC 4v	10/1991 - 10/1997	L4	86.0mm x 86.0mm	
	X20SE 1998cc Inline4 SOHC 2v	01/1995 - 12/2000	L4	86.0mm x 86.0mm	
	X20XEV 1998cc Inline4 DOHC 4v	01/1995 - 12/1999	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
<i>Has one oil hole in the upper shell at 13 degrees from centre.</i>							
4B2320A STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2320A
		48.987/1.9286	52.012/2.0477				UL
CONROD							
<i>Has one oil hole in the upper shell at 13 degrees from centre.</i>							
4B2320P STD, .25, .50, .75, 1.00		52.000/2.0472	52.012/2.0477	1.500/.0591	19.30/.760	F780	2320
		48.987/1.9286	52.012/2.0477				UL
CONROD							
<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
4B2322A STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A
		48.987/1.9286	52.012/2.0477				UL
CONROD							
<i>RACE SERIES</i>							
4B2322H STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				UL
CONROD							
<i>RACE SERIES</i>							
4B2322HX STD		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
MAINS							
<i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>							
5M2293A STD, .25, .50	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F820	2293AL
		57.995/2.2833	62.013/2.4415				UL
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F820	2294AL
		57.995/2.2833	62.013/2.4415				UL
MAINS							
<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>							
5M2327A STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F)
		57.995/2.2833	62.013/2.4415				IH
MAINS							
<i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>							
5M2329A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2329A(F)
		57.995/2.2833	62.013/2.4415				IH

24	Engine	Year	Cyl	Bore x Stroke	24
	1998cc 20JD Family II Gen 2 Inline4 SOHC 2v	04/1987 - 08/1989	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
4B2322A STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A
		48.987/1.9286	52.012/2.0477				UL



24 Continued ... 24

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 4B2322H STD, .025, .25, .50	CONROD	48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL
RACE SERIES 4B2322HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.485/.0585	19.30/.760	F781	2322HX UL
5M2327A STD, .25, .50, .75, 1.00	MAINS	<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>					
	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F810	2327A IH
	3	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	25.90/1.020	F810	2328A(F) IH
5M2329A STD, .25, .50, .75, 1.00, 1.25	MAINS	<i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>					
	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F810	2327A IH
	3	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	25.90/1.020	F810	2329A(F) IH

25 Engine Year Cyl Bore x Stroke 25
1.9L Starfire Inline4 OHV 2v 09/1978 - 03/1984 L4 88.9mm x 76.2mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2380P STD, 001, 010, 020, 030, 040,	CONROD	48.235/1.8990 48.260/1.9000	51.427/2.0247 51.440/2.0252	1.575/.0620	18.34/.722	F780	2380 IH
5M2307P STD, 001, 010, 020, 030	MAINS	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.426/.0955	20.50/.807	F780	2307 L
	1,2,3,4	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.426/.0955	20.50/.807	F780	2398 U
	5	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.426/.0955	25.63/1.009	F780	2308(F) L
	5	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.426/.0955	25.63/1.009	F780	2399(F) U
3C5116 STD	CAMS	44.844/1.7655 44.856/1.7660	48.153/1.8958 48.204/1.8978	1.636/.0644	21.08/.830	F23	5116

26 Engine Year Cyl Bore x Stroke 26
Z20LET 1998cc Inline4 DOHC 4v Turbo 05/2003 - On L4 86.0mm x 86.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2320A STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole in the upper shell at 13 degrees from centre.</i>					
		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2320A UL
4B2320P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole in the upper shell at 13 degrees from centre.</i>					
		52.000/2.0472 48.987/1.9286	52.012/2.0477 52.012/2.0477	1.500/.0591	19.30/.760	F780	2320 UL
4B2322A STD, .25, .50, .75, 1.00	CONROD	<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2322A UL
RACE SERIES 4B2322H STD, .025, .25, .50	CONROD	48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL
RACE SERIES 4B2322HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.485/.0585	19.30/.760	F781	2322HX UL
		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.485/.0585	19.30/.760	F781	2322HX UL



26 Continued ...							26
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS		<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>					
5M2327A STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A IH
		57.995/2.2833	62.013/2.4415				
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F) IH
		57.995/2.2833	62.013/2.4415				

27 Engine				Year	Cyl	Bore x Stroke	27
X20SED 1998cc Inline4 DOHC 4v				07/1997 - 12/2003	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has one oil hole in the upper shell at 13 degrees from centre.</i>					
4B2320A STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2320A UL
		48.987/1.9286	52.012/2.0477				
CONROD		<i>Has one oil hole in the upper shell at 13 degrees from centre.</i>					
4B2320P STD, .25, .50, .75, 1.00		52.000/2.0472	52.012/2.0477	1.500/.0591	19.30/.760	F780	2320 UL
		48.987/1.9286	52.012/2.0477				
CONROD		<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
4B2322A STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A UL
		48.987/1.9286	52.012/2.0477				
RACE SERIES							
4B2322H STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H UL
		48.987/1.9286	52.012/2.0477				
RACE SERIES							
4B2322HX STD		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX UL
		48.987/1.9286	52.012/2.0477				
MAINS		<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have 2 oil holes.</i>					
5M2325A STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A IH
		57.995/2.2833	62.013/2.4415				
	3	57.974/2.2824	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2325A(F) IH
		57.995/2.2833	62.013/2.4415				

28 Engine				Year	Cyl	Bore x Stroke	28
5.7L Gen III LS1 V8 OHV 2v				06/1999 - On	V8	99.0mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B663A STD, 01, 10, 20, 30, 40		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F810	2376A IH
		53.340/2.1000	56.520/2.2252				
RACE SERIES							
8B663H STD, 001, 009, 010, 011, 020		53.315/2.0990	56.507/2.2247	1.572/.0619	21.25/.837	F781	2376H UL
		53.340/2.1000	56.520/2.2252				
CONROD		<i>Dowel hole in upper half.</i>					
8B663HD STD, 001, 010		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F781	2376H U
		53.340/2.1000	56.520/2.2252				
		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F781	2376HD L
		53.340/2.1000	56.520/2.2252				
RACE SERIES							
8B663HX STD		53.315/2.0990	56.507/2.2247	1.559/.0614	21.25/.837	F781	2376HX UL
		53.340/2.1000	56.520/2.2252				
CONROD		<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>					
8B663HXD STD		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HXD L
		53.340/2.1000	56.520/2.2252				
		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HX U
		53.340/2.1000	56.520/2.2252				

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28		Continued ...						28
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
8B663P STD, 01, 10, 20, 30, 40	CONROD	53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F780	2376	
		53.340/2.1000	56.520/2.2252				IH	
5M7297A STD, 010, 020, 030, 040	MAINS	64.993/2.5588	69.873/2.7509	2.430/.0957	20.45/.805	F810	7298A	
	1,2,4,5	65.007/2.5593	69.887/2.7515				UL	
	3	64.993/2.5588	69.873/2.7509	2.430/.0957	26.10/1.028	F810	7297A(F)	
		65.007/2.5593	69.887/2.7515				UL	
RACE SERIES 5M7297H STD, 001, 010, 020	MAINS	64.993/2.5588	69.873/2.7509	2.430/.0957	20.45/.805	F780	7298H	
	1,2,4,5	65.007/2.5593	69.887/2.7515				UL	
	3	64.993/2.5588	69.873/2.7509	2.430/.0957	26.10/1.028	F780	7297H(F)	
		65.007/2.5593	69.887/2.7515				UL	
RACE SERIES 5M7297HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>			20.45/.805	F780	7298HX	
	1,2,4,5	64.993/2.5588	69.873/2.7509	2.417/.0952			UL	
	3	64.993/2.5588	69.873/2.7509	2.417/.0952	26.10/1.028	F780	7297HX(F)	
		65.007/2.5593	69.887/2.7515				UL	
5C1000S STD	CAMS	<i>1st design # 1 & 5 housing size of 2.3260"-2.3280".</i>			16.00/.630	F23	CH-10-1	
	1,5	54.991/2.1650	59.080/2.3260	2.029/.0799				
		55.042/2.1670	59.131/2.3280					
	2,4	54.991/2.1650	58.829/2.3161	1.902/.0749	16.00/.630	F23	CH-10-2	
		55.042/2.1670	58.879/2.3181					
	3	54.991/2.1650	58.580/2.3063	1.778/.0700	16.00/.630	F23	CH-10-3	
		55.042/2.1670	58.631/2.3083					
5C1001S STD	CAMS	<i>2nd design # 1 & 5 housing size of 2.3460"-2.3480".</i>			16.00/.630	F23	CH-23-1	
	1,5	54.991/2.1650	59.588/2.3460	2.260/.0890				
		55.042/2.1670	59.639/2.3480					
	2,4	54.991/2.1650	59.080/2.3260	2.029/.0799	16.00/.630	F23	CH-10-1	
		55.042/2.1670	59.131/2.3280					
	3	54.991/2.1650	58.580/2.3063	1.778/.0700	16.00/.630	F23	CH-10-3	
		55.042/2.1670	58.631/2.3083					



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
EH 545cc Inline2 SOHC 2v	07/1977 - 05/1988	L2	545	33	44
E05A 547cc Inline3 SOHC 4v	12/1987 - 02/1990	L3	547	33	48
EB1 1169cc Inline4 SOHC 2v	12/1972 - 12/1975	L4	1169	71	42
ER 1231cc Inline4 SOHC 2v	10/1981 - 12/1986	L4	1231	75	45
ER-T 1231cc Inline4 SOHC 2v Turbo	01/1981 - 12/1986	L4	1231	75	33
D12A 1237cc Inline4 SOHC 2v	10/1986 - On	L4	1237	75	8
EB2 1237cc Inline4 SOHC 2v	01/1974 - 12/1979	L4	1237	75	42
EB3 1237cc Inline4 SOHC 2v	03/1978 - 12/1979	L4	1237	75	42
EE 1237cc Inline4 SOHC 2v	01/1975 - 01/1979	L4	1237	75	42
D13C 1296cc Inline4 SOHC 2v	01/1988 - 12/1994	L4	1296	79	8
EJ 1335cc Inline4 SOHC 2v	01/1982 - 12/1983	L4	1335	81	42
EN 1335cc Inline4 SOHC 2v	01/1978 - 12/1983	L4	1335	81	42
L13A1 1339cc Inline4 SOHC 2v	10/2002 - 08/2009	L4	1339	81	23
L13Z1 1339cc Inline4 SOHC 2v	08/2009 - On	L4	1339	81	23
LDA 1339cc (Hybrid) Inline4 SOHC 2v	01/2001 - On	L4	1339	81	23
EV 1342cc Inline4 SOHC 2v	07/1983 - 10/1987	L4	1342	81	40
EV1 1342cc Inline4 SOHC 2v	09/1983 - 10/1987	L4	1342	81	43
D13A 1343cc Inline4 SOHC 4v	09/1987 - 10/1995	L4	1343	81	26
D13B 1343cc Inline4 SOHC 4v	06/1987 - 09/1991	L4	1343	81	26
D13B1 1343cc Inline4 SOHC 4v	10/1987 - 09/1991	L4	1343	81	26
D13B2 1343cc Inline4 SOHC 4v	04/1991 - 09/1993	L4	1343	81	26
EB5 1433cc Inline4 SOHC 2v	01/1972 - 12/1975	L4	1433	87	25
EC 1488cc Inline4 SOHC 2v	01/1974 - 12/1979	L4	1488	90	25
ED 1488cc Inline4 SOHC 2v	01/1975 - 01/1979	L4	1488	90	25
EM 1488cc Inline4 SOHC 3v	01/1980 - 01/1986	L4	1488	90	25
EW1 1488cc Inline4 SOHC 2v	01/1984 - 10/1987	L4	1488	90	13
EW2 1488cc Inline4 SOHC 2v	01/1984 - 10/1987	L4	1488	90	13
EW3 1488cc Inline4 SOHC 3v	01/1985 - 10/1987	L4	1488	90	13
EW4 1488cc Inline4 SOHC 3v	01/1985 - 10/1987	L4	1488	90	13
D15A2 1493cc Inline4 SOHC 2v	01/1987 - 12/1988	L4	1493	91	9
D15A3 1493cc Inline4 SOHC 4v	01/1987 - 12/1988	L4	1493	91	9
D15B1 1493cc Inline4 SOHC 4v	01/1987 - 09/1995	L4	1493	91	10
D15B2 1493cc Inline4 SOHC 4v	01/1988 - 09/1995	L4	1493	91	10
D15B4 1493cc Inline4 SOHC 4v	11/1987 - 12/1993	L4	1493	91	10
D15B6 1493cc Inline4 SOHC 2v	01/1990 - 12/1991	L4	1493	91	10
D15B7 1493cc Inline4 SOHC 4v	01/1992 - 12/1995	L4	1493	91	11
D15B8 1493cc Inline4 SOHC 4v	01/1992 - 12/1995	L4	1493	91	11
D15Z1 1493cc Inline4 SOHC 4v VTEC	10/1991 - 12/1995	L4	1493	91	11
D15Z2 1493cc Inline4 SOHC 4v	01/1993 - 12/1995	L4	1493	91	11
D15Z3 1493cc Inline4 SOHC 4v	09/1994 - 01/1997	L4	1493	91	11
D15Z6 1493cc Inline4 SOHC 4v	10/1995 - On	L4	1493	91	11
D15Z8 1493cc Inline4 SOHC 4v	01/1997 - On	L4	1493	91	11
L15A1 1497cc Inline4 SOHC 4v	10/2004 - 08/2009	L4	1497	91	23
L15A7 1497cc Inline4 SOHC 4v	08/2009 - On	L4	1497	91	23
D16A1 1590cc Inline4 DOHC 4v	01/1986 - 12/1989	L4	1590	97	12
D16A3 1590cc Inline4 DOHC 4v	01/1986 - 12/1989	L4	1590	97	12
D16A6 1590cc Inline4 SOHC 4v	10/1987 - 06/1995	L4	1590	97	12
D16A7 1590cc Inline4 SOHC 4v	09/1987 - 06/1995	L4	1590	97	12
D16A8 1590cc Inline4 DOHC 4v	11/1987 - 02/1993	L4	1590	97	12
D16A9 1590cc Inline4 DOHC 4v	01/1988 - 01/1995	L4	1590	97	12
D16B2 1590cc Inline4 DOHC 4v	03/1997 - 02/2001	L4	1590	97	12
D16B6 1590cc Inline4 DOHC 4v	10/1998 - 02/2003	L4	1590	97	12
D16W1 1590cc Inline4 SOHC 4v	01/1999 - 05/2002	L4	1590	97	12
D16Y1 1590cc Inline4 SOHC 4v	10/1993 - 10/2000	L4	1590	97	12
D16Y4 1590cc Inline4 SOHC 4v	10/1995 - 12/2000	L4	1590	97	12
D16Y5 1590cc Inline4 SOHC 4v	01/1995 - 12/2000	L4	1590	97	12
D16Y7 1590cc Inline4 SOHC 4v	01/1996 - 12/2000	L4	1590	97	12
D16Y8 1590cc Inline4 SOHC 4v	01/1996 - 12/2000	L4	1590	97	12

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
D16Z2 1590cc Inline4 SOHC 4v	01/1988 - 12/1992	L47	1590	97	12
D16Z5 1590cc Inline4 DOHC 4v	11/1988 - 12/1992	L4	1590	97	12
D16Z6 1590cc Inline4 SOHC 2v	01/1992 - 12/1995	L4	1590	97	12
ZC 1590cc Inline4 DOHC 4v	02/1985 - 12/1987	L4	1590	97	12
ZC 1590cc Inline4 SOHC 2v	10/1984 - On	L4	1590	97	12
B16A1 1595cc Inline4 DOHC 4v VTEC	01/1990 - 12/1991	L4	1595	97	2
B16A2 1595cc Inline4 DOHC 4v VTEC	01/1992 - 10/2000	L4	1595	97	2
B16A3 1595cc Inline4 DOHC 4v VTEC	01/1994 - 12/1995	L4	1595	97	2
B16A4 1595cc Inline4 DOHC 4v VTEC	01/1996 - 12/2000	L4	1595	97	2
B16A6 1595cc Inline4 DOHC 4v VTEC	01/1996 - 12/2000	L4	1595	97	2
B16B 1595cc Inline4 DOHC 4v VTEC	08/1997 - 12/2000	L4	1595	97	31
R16A 1595cc Inline4 SOHC 4v	01/2006 - On	L4	1595	97	30
EY 1598cc Inline4 SOHC 2v	06/1983 - 10/1986	L4	1598	97	39
EF 1599cc Inline4 SOHC 2v	12/1976 - 12/1978	L4	1599	97	25
EG 1599cc Inline4 SOHC 2v	01/1977 - 12/1978	L4	1599	97	25
EP 1601cc Inline4 SOHC 2v	01/1980 - 01/1985	L4	1601	97	25
EL 1602cc Inline4 SOHC 2v	01/1977 - 04/1986	L4	1602	97	25
D17A1 1668cc Inline4 SOHC 4v	11/2000 - 12/2005	L4	1668	101	22
D17A2 1668cc Inline4 SOHC 4v	10/2000 - 02/2006	L4	1668	101	22
D17A6 1668cc Inline4 SOHC 4v	11/2000 - 12/2005	L4	1668	101	22
D17A7 1668cc Inline4 SOHC 4v CNG	01/2001 - 12/2005	L4	1668	101	22
D17Z1 1668cc Inline4 SOHC 4v	10/2000 - 02/2006	L4	1668	101	22
B17A1 1678cc Inline4 DOHC 4v	01/1992 - 12/1993	L4	1678	102	3
EK 1751cc Inline4 SOHC 2v	12/1976 - On	L4	1751	106	25
B18C2 1797cc Inline4 DOHC 4v VTEC	07/1993 - 08/2001	L4	1797	109	4
B18C5 1797cc Inline4 DOHC 4v VTEC	01/1997 - 12/2001	L4	1797	109	4
B18C7 1797cc Inline4 DOHC 4v VTEC	10/1999 - 08/2001	L4	1797	109	4
R18A 1799cc Inline4 SOHC 4v	01/2006 - On	L4	1799	109	30
A18A 1829cc Inline4 SOHC 3v	01/1983 - 12/1987	L4	1829	111	1
ES 1829cc Inline4 SOHC 3v	01/1981 - 12/1985	L4	1829	111	1
ET 1829cc Inline4 SOHC 3v	01/1983 - 12/1986	L4	1829	111	1
B18 (Saudi) 1834cc Inline4	01/1988 - On	L4	1834	111	32
B18A (USA) 1834cc Inline4 SOHC 4v	01/1986 - 12/1989	L4	1834	111	12
B18A 1834cc Inline4 SOHC 4v	05/1985 - 12/1989	L4	1834	111	5
B18A1 (USA) 1834cc Inline4 DOHC 4v	06/1989 - 12/1994	L4	1834	111	3
B18B1 1834cc Inline4 DOHC 4v	01/1994 - 12/2001	L4	1834	111	3
B18B2 1834cc Inline4 DOHC 4v	05/1992 - 08/2001	L4	1834	111	3
B18C1 1797cc Inline4 DOHC 4v VTEC	06/1994 - 08/2001	L4	1834	111	4
F18B 1850cc Inline4 SOHC 4v	10/1998 - 02/2003	L4	1850	112	15
A20A1 1955cc Inline4 SOHC 3v	01/1987 - 12/1989	L4	1955	119	1
A20A2 1955cc Inline4 SOHC 3v	01/1985 - 12/1991	L4	1955	119	1
A20A3 1955cc Inline4 SOHC 3v	01/1987 - 12/1989	L4	1955	119	1
A20A4 1955cc Inline4 SOHC 3v	01/1987 - 10/1989	L4	1955	119	1
B20A 1958cc Inline4 DOHC 4v	06/1985 - 12/1991	L4	1958	119	27
B20A1 1958cc Inline4 DOHC 4v	09/1985 - 12/1987	L4	1958	119	6
B20A2 1958cc Inline4 DOHC 4v	06/1985 - 12/1987	L4	1958	119	6
B20A3 1958cc Inline4 SOHC 3v	01/1988 - 12/1991	L4	1958	119	5
B20A4 1958cc Inline4 SOHC 3v	04/1987 - 12/1991	L4	1958	119	5
B20A5 1958cc Inline4 DOHC 4v	01/1987 - 12/1991	L4	1958	119	6
B20A6 1958cc Inline4 DOHC 4v	10/1985 - 12/1991	L4	1958	119	6
B20A7 1958cc Inline4 DOHC 4v	04/1987 - 12/1991	L4	1958	119	6
B20A8 1958cc Inline4 DOHC 4v	10/1987 - 12/1989	L4	1958	119	6
B20A9 1958cc Inline4 DOHC 4v	04/1987 - 12/1991	L4	1958	119	6
B21A 1958cc Inline4 DOHC 4v	05/1992 - 11/1996	L4	1958	119	27
B20B3 1973cc Inline4 DOHC 4v	09/1997 - 12/2001	L4	1973	120	3
B20B4 1973cc Inline4 DOHC 4v	01/1997 - 12/1998	L4	1973	120	21
B20B8 1973cc Inline4 DOHC 4v	03/1999 - 12/2001	L4	1973	120	3
B20Z2 1973cc Inline4 DOHC 4v	01/1999 - 12/2001	L4	1973	120	21



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
C20A 1996cc V6 SOHC 4v	11/1985 - 10/1990	V6	1996	121	29
C20A-T 1996cc V6 SOHC 4v Turbo	10/1988 - 10/1990	V6	1996	121	29
G20A 1996cc Inline5 SOHC 4v	01/1989 - 12/1997	L5	1996	121	36
F20A2 1997cc Inline4 SOHC 4v	01/1989 - 12/1993	L4	1997	121	16
F20A4 1997cc Inline4 SOHC 4v	01/1989 - 12/1993	L4	1997	121	16
F20A5 1997cc Inline4 SOHC 4v	01/1989 - 12/1993	L4	1997	121	16
F20A6 1997cc Inline4 SOHC 4v	01/1990 - 12/1993	L4	1997	121	16
F20A7 1997cc Inline4 SOHC 4v	01/1992 - 12/1993	L4	1997	121	16
F20A8 1997cc Inline4 SOHC 4v	01/1992 - 12/1993	L4	1997	121	16
F20B3 1997cc Inline4 SOHC 4v	09/1993 - 06/1998	L4	1997	121	15
F20B5 1997cc Inline4 SOHC 4v	12/1997 - 02/2003	L4	1997	121	15
F20B6 1997cc Inline4 SOHC 4v	10/1998 - 02/2003	L4	1997	121	15
F20C1 1997cc Inline4 DOHC 4v	08/1999 - 12/2005	L4	1997	121	14
F20C2 1997cc Inline4 DOHC 4v	01/2006 - 12/2009	L4	1997	121	14
K20A2 1998cc Inline4 DOHC 4v	08/2001 - 10/2004	L4	1998	121	20
K20A3 1998cc Inline4 DOHC 4v	09/2001 - 07/2006	L4	1998	121	38
K20Z1 1998cc Inline4 DOHC 4v	10/2004 - 07/2006	L4	1998	121	20
B21A1 2056cc Inline4 DOHC 4v	01/1990 - 12/1991	L4	2056	125	27
F22A1 2156cc Inline4 SOHC 4v	01/1989 - 12/1996	L4	2156	131	16
F22A3 2156cc Inline4 SOHC 4v	01/1989 - 12/1995	L4	2156	131	16
F22A4 2156cc Inline4 SOHC 4v	01/1990 - 12/1991	L4	2156	131	16
F22A5 2156cc Inline4 SOHC 4v	11/1989 - 06/2000	L4	2156	131	16
F22A6 2156cc Inline4 SOHC 4v	01/1991 - 06/1994	L4	2156	131	16
F22B1 2156cc Inline4 SOHC 4v	01/1993 - 12/1997	L4	2156	131	16
F22B2 2156cc Inline4 SOHC 4v	01/1994 - 12/1997	L4	2156	131	16
F22B3 2156cc Inline4 SOHC 4v	01/1993 - 12/1997	L4	2156	131	16
F22B6 2156cc Inline4 SOHC 4v	01/1995 - 12/1997	L4	2156	131	16
F22B8 2156cc Inline4 SOHC 4v	01/1995 - 12/1997	L4	2156	131	16
F22Z6 2156cc Inline4 DOHC 4v	12/1996 - 05/2002	L4	2156	131	16
F22C1 2157cc Inline4 DOHC 4v	01/2004 - 12/2009	L4	2157	131	14
H22A1 2157cc Inline4 DOHC 4v	02/1994 - 12/1996	L4	2157	131	18
H22A2 2157cc Inline4 DOHC 4v	02/1993 - 09/1996	L4	2157	131	18
H22A4 2157cc Inline4 DOHC 4v	12/1996 - 12/2001	L4	2157	131	19
H22A5 2157cc Inline4 DOHC 4v	10/1996 - 12/1998	L4	2157	131	19
H22A7 2157cc Inline4 DOHC 4v	01/1999 - 02/2003	L4	2157	131	28
H22A8 2157cc Inline4 DOHC 4v	01/1999 - 12/2001	L4	2157	131	28
H22Z1 2157cc Inline4 DOHC 4v	01/1999 - 12/2001	L4	2157	131	28
F23A1 2254cc Inline4 SOHC 4v	12/1997 - 12/2000	L4	2254	137	17
F23A4 2254cc Inline4 SOHC 4v	01/1998 - 12/2002	L4	2254	137	17
F23A5 2254cc Inline4 SOHC 4v	01/1998 - 12/2002	L4	2254	137	17
F23A7 2254cc Inline4 SOHC 4v	01/1998 - 02/2002	L4	2254	137	17
F23Z2 2254cc Inline4 SOHC 4v	01/1999 - 05/2003	L4	2254	137	17
F23Z4 2254cc Inline4 SOHC 4v	04/2000 - 05/2004	L4	2254	137	17
H23A 2258cc Inline4 DOHC 4v	12/1991 - 12/1999	L4	2258	137	16
K24A1 2354cc Inline4 DOHC 4v	12/2001 - 01/2007	L4	2354	143	20
K24A3 2354cc Inline4 DOHC 4v	06/2003 - 06/2008	L4	2354	143	20
K24A4 2354cc Inline4 DOHC 4v	08/2003 - 02/2008	L4	2354	143	20
K24A8 2354cc Inline4 DOHC 4v	01/2006 - 12/2010	L4	2354	143	20
K24Z1 2354cc Inline4 DOHC 4v	01/2007 - On	L4	2354	143	20
G25A 2451cc Inline5 SOHC 4v	01/1992 - 12/1998	L5	2451	149	36
C25A1 2493cc V6 SOHC 4v	01/1986 - 12/1991	V6	2493	152	46
4ZE1 (Isuzu) 2559cc Inline4 SOHC 2v	08/1987 - 03/2003	L4	2559	156	35
C27A1 2675cc V6 SOHC 4v	01/1986 - 12/1991	V6	2675	163	46
C27A4 2675cc V6 SOHC 4v	01/1994 - 12/1996	V6	2675	163	47
J30A Series 2997cc V6 SOHC 4v	12/1997 - On	V6	2997	182	41
6VD1 (Isuzu) 3165cc V6 SOHC/DOHC 4v	01/1992 - 12/1997	V6	3165	193	34
C32A1 3206cc V6 SOHC 4v	01/1991 - 12/1995	V6	3179	193	7
C32A2 3206cc V6 SOHC 4v	01/1991 - 02/1996	V6	3206	195	7

Honda



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
C32A6 3206cc V6 SOHC 4v	01/1996 - 12/1998	V6	3206	195	7
J32A Series 3210cc V6 SOHC 4v	01/1999 - 12/2008	V6	3210	195	37
J35A Series 3471cc V6 SOHC 4v	01/1999 - 12/2010	V6	3471	211	24
J35Z Series 3471cc V6 SOHC 4v	01/2006 - 12/2012	V6	3471	211	24
C35A1 3474cc V6 SOHC 4v	05/1996 - 12/2005	V6	3474	211	7
C35A2 3474cc V6 SOHC 4v	02/1996 - 09/2004	V6	3474	211	7



1	Engine	Year	Cyl	Bore x Stroke	1
	A18A 1829cc Inline4 SOHC 3v	01/1983 - 12/1987	L4	80.0mm x 91.0mm	
	A20A1 1955cc Inline4 SOHC 3v	01/1987 - 12/1989	L4	82.7mm x 91.0mm	
	A20A2 1955cc Inline4 SOHC 3v	01/1985 - 12/1991	L4	82.7mm x 91.0mm	
	A20A3 1955cc Inline4 SOHC 3v	01/1987 - 12/1989	L4	82.7mm x 91.0mm	
	A20A4 1955cc Inline4 SOHC 3v	01/1987 - 10/1989	L4	82.7mm x 91.0mm	
	ES 1829cc Inline4 SOHC 3v	01/1981 - 12/1985	L4	80.0mm x 91.0mm	
	ET 1829cc Inline4 SOHC 3v	01/1983 - 12/1986	L4	80.0mm x 91.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
4B1946A STD, .25, .50, .75, 1.00		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F810	1946A IH
RACE SERIES 4B1946H STD, .025, .25	CONROD	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.504/.0592	19.50/.768	F781	1946H IH
RACE SERIES 4B1946HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.491/.0587	19.50/.768	F781	1946HX IH
4B1946P STD, .25, .50, .75, 1.00	CONROD	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F780	1946 IH
5M1947A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Bearings have a slot.</i>					
		49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/.0789	20.00/.787	F810	1947A IH
1T1952 STD, .125, .25	THRUST 1	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1952T IH

2	Engine	Year	Cyl	Bore x Stroke	2
	B16A1 1595cc Inline4 DOHC 4v VTEC	01/1990 - 12/1991	L4	81.0mm x 77.4mm	
	B16A2 1595cc Inline4 DOHC 4v VTEC	01/1992 - 10/2000	L4	81.0mm x 77.4mm	
	B16A3 1595cc Inline4 DOHC 4v VTEC	01/1994 - 12/1995	L4	81.0mm x 77.4mm	
	B16A4 1595cc Inline4 DOHC 4v VTEC	01/1996 - 12/2000	L4	81.0mm x 77.4mm	
	B16A6 1595cc Inline4 DOHC 4v VTEC	01/1996 - 12/2000	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>No oil hole in bearings. To be superseded by 4B1946A.</i>					
4B1910A STD, .25, .50, .75, 1.00		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F810	1910A IH
4B1946A STD, .25, .50, .75, 1.00	CONROD	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F810	1946A IH
RACE SERIES 4B1946H STD, .025, .25	CONROD	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.504/.0592	19.50/.768	F781	1946H IH
RACE SERIES 4B1946HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.491/.0587	19.50/.768	F781	1946HX IH
4B1946P STD, .25, .50, .75, 1.00	CONROD	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F780	1946 IH
5M1959A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half groove with two oil holes in upper half.</i>					
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F810	1959A UL
RACE SERIES 5M1959H STD, .025, .25	MAINS 1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F780	1959H UL

2 Continued ...							2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES		MAINS <i>0.001" extra oil clearance on STD journal.</i>					
5M1959HX STD	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/.0783	20.00/.787	F780	1959HX UL
5M1959P STD, .25, .50, .75, 1.00		MAINS <i>Half groove with two oil holes in upper half.</i>					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1959 UL
1T1957 STD		THRUST					
		61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH

3 Engine	Year	Cyl	Bore x Stroke	3
B17A1 1678cc Inline4 DOHC 4v	01/1992 - 12/1993	L4	81.0mm x 81.4mm	
B18A1 (USA) 1834cc Inline4 DOHC 4v	06/1989 - 12/1994	L4	81.0mm x 89.0mm	
B18B1 1834cc Inline4 DOHC 4v	01/1994 - 12/2001	L4	81.0mm x 89.0mm	
B18B2 1834cc Inline4 DOHC 4v	05/1992 - 08/2001	L4	81.0mm x 89.0mm	
B20B3 1973cc Inline4 DOHC 4v	09/1997 - 12/2001	L4	84.0mm x 89.0mm	
B20B8 1973cc Inline4 DOHC 4v	03/1999 - 12/2001	L4	84.0mm x 89.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1946A STD, .25, .50, .75, 1.00		CONROD <i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F810	1946A IH
RACE SERIES 4B1946H STD, .025, .25		CONROD					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.504/.0592	19.50/.768	F781	1946H IH
RACE SERIES 4B1946HX STD		CONROD <i>0.001" extra oil clearance on STD journal.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.491/.0587	19.50/.768	F781	1946HX IH
4B1946P STD, .25, .50, .75, 1.00		CONROD <i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F780	1946 IH
5M1959A STD, .25, .50, .75, 1.00		MAINS <i>Half groove with two oil holes in upper half.</i>					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F810	1959A UL
RACE SERIES 5M1959H STD, .025, .25		MAINS					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F780	1959H UL
RACE SERIES 5M1959HX STD		MAINS <i>0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/.0783	20.00/.787	F780	1959HX UL
5M1959P STD, .25, .50, .75, 1.00		MAINS <i>Half groove with two oil holes in upper half.</i>					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1959 UL
1T1957 STD		THRUST					
		61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH

4 Engine	Year	Cyl	Bore x Stroke	4
B18C1 1797cc Inline4 DOHC 4v VTEC	06/1994 - 08/2001	L4	81.0mm x 87.2mm	
B18C2 1797cc Inline4 DOHC 4v VTEC	07/1993 - 08/2001	L4	81.0mm x 87.2mm	
B18C5 1797cc Inline4 DOHC 4v VTEC	01/1997 - 12/2001	L4	81.0mm x 87.2mm	
B18C7 1797cc Inline4 DOHC 4v VTEC	10/1999 - 08/2001	L4	81.0mm x 87.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1925A STD, .25, .50, .75		CONROD					
		44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	17.50/.689	F810	1925A IH



4 Continued ...							4		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
RACE SERIES 4B1925H STD, .025, .25	CONROD	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	17.50/.689	F781	1925H IH		
RACE SERIES 4B1925HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.489/.0586	17.50/.689	F781	1925HX IH
4B1925P STD, .25, .50, .75	CONROD	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	17.50/.689	F780	1925 IH		
5M1959A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half groove with two oil holes in upper half.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F810	1959A UL
RACE SERIES 5M1959H STD, .025, .25	MAINS 1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F780	1959H UL		
RACE SERIES 5M1959HX STD	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/.0783	20.00/.787	F780	1959HX UL
5M1959P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half groove with two oil holes in upper half.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1959 UL
1T1957 STD	THRUST	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH		

5 Engine	Year	Cyl	Bore x Stroke	5
B18A 1834cc Inline4 SOHC 4v	05/1985 - 12/1989	L4	81.0mm x 89.0mm	
B20A3 1958cc Inline4 SOHC 3v	01/1988 - 12/1991	L4	81.0mm x 95.0mm	
B20A4 1958cc Inline4 SOHC 3v	04/1987 - 12/1991	L4	81.0mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B1946A STD, .25, .50, .75, 1.00	CONROD	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F810	1946A IH
RACE SERIES 4B1946H STD, .025, .25	CONROD	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.504/.0592	19.50/.768	F781	1946H IH		
RACE SERIES 4B1946HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.491/.0587	19.50/.768	F781	1946HX IH
4B1946P STD, .25, .50, .75, 1.00	CONROD	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F780	1946 IH
5M1957A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F810	1957A IH
RACE SERIES 5M1957H STD, .025, .25	MAINS 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957H IH
RACE SERIES 5M1957HX STD	MAINS 1,2,3,4,5	<i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.994/.0785	20.00/.787	F780	1957HX IH
5M1957P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957 IH
1T1957 STD	THRUST	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH		

6	Engine	Year	Cyl	Bore x Stroke	6
	B20A1 1958cc Inline4 DOHC 4v	09/1985 - 12/1987	L4	81.0mm x 95.0mm	
	B20A2 1958cc Inline4 DOHC 4v	06/1985 - 12/1987	L4	81.0mm x 95.0mm	
	B20A5 1958cc Inline4 DOHC 4v	01/1987 - 12/1991	L4	81.0mm x 95.0mm	
	B20A6 1958cc Inline4 DOHC 4v	10/1985 - 12/1991	L4	81.0mm x 95.0mm	
	B20A7 1958cc Inline4 DOHC 4v	04/1987 - 12/1991	L4	81.0mm x 95.0mm	
	B20A8 1958cc Inline4 DOHC 4v	10/1987 - 12/1989	L4	81.0mm x 95.0mm	
	B20A9 1958cc Inline4 DOHC 4v	04/1987 - 12/1991	L4	81.0mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>One oil hole.</i>					
4B1936A STD, .25, .50, .75, 1.00		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	19.40/.764	F810	1936A IH
	MAINS	<i>Fully grooved with one oil hole.</i>					
5M1957A STD, .25, .50, .75, 1.00	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F810	1957A IH
RACE SERIES	MAINS	<i>Fully grooved with one oil hole.</i>					
5M1957H STD, .025, .25	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957H IH
RACE SERIES	MAINS	<i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>					
5M1957HX STD	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.994/.0785	20.00/.787	F780	1957HX IH
5M1957P STD, .25, .50, .75, 1.00	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957 IH
1T1957 STD	THRUST	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH

7	Engine	Year	Cyl	Bore x Stroke	7
	C32A1 3206cc V6 SOHC 4v	01/1991 - 12/1995	V6	90.0mm x 84.0mm	
	C32A2 3206cc V6 SOHC 4v	01/1991 - 02/1996	V6	90.0mm x 84.0mm	
	C32A6 3206cc V6 SOHC 4v	01/1996 - 12/1998	V6	90.0mm x 84.0mm	
	C35A1 3474cc V6 SOHC 4v	05/1996 - 12/2005	V6	90.0mm x 90.0mm	
	C35A2 3474cc V6 SOHC 4v	02/1996 - 09/2004	V6	90.0mm x 91.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
6B1902A STD, .25, .50, .75, 1.00		53.970/2.1248 53.993/2.1257	57.000/2.2441 57.018/2.2448	1.496/.0589	17.40/.685	F810	1902A IH
	MAINS						
4M1903A STD, .25, .50, .75, 1.00	1,2,3,4	67.975/2.6762 68.000/2.6772	73.043/2.8757 73.060/2.8764	2.500/.0984	20.00/.787	F810	1903A IH

8	Engine	Year	Cyl	Bore x Stroke	8
	D12A 1237cc Inline4 SOHC 2v	10/1986 - On	L4	72.0mm x 76.0mm	
	D13C 1296cc Inline4 SOHC 2v	01/1988 - 12/1994	L4	73.7mm x 76.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B1927A STD, .25, .50, .75, 1.00			42.000/1.6535 42.020/1.6543	1.504/.0592	18.50/.728	F810	1927A IH
	MAINS						
5M1928A STD, .25, .50, .75, 1.00	1,2,3,4,5		47.000/1.8504 47.020/1.8512	2.007/.0790	20.00/.787	F810	1928A UL
	THRUST						
1T1952 STD, .125, .25	1	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1952T IH



9	Engine	Year	Cyl	Bore x Stroke	9
	D15A2 1493cc Inline4 SOHC 2v	01/1987 - 12/1988	L4	75.0mm x 84.5mm	
	D15A3 1493cc Inline4 SOHC 4v	01/1987 - 12/1988	L4	75.0mm x 84.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>For engines up to 09/1991.</i>					
4B1955A STD, .25, .50, .75, 1.00		41.982/1.6528	44.999/1.7716	1.496/.0589	18.45/.726	F810	1955A
		41.994/1.6533	45.024/1.7726				IH
	MAINS						
5M1932A STD, .25, .50, .75, 1.00	1-5	44.980/1.7709	49.000/1.9291	2.001/.0788	20.00/.787	F810	1932A
		45.000/1.7717	49.025/1.9301				IH
	THRUST						
1T1952 STD, .125, .25	1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T
		56.000/2.2047	77.850/3.0650				IH

10	Engine	Year	Cyl	Bore x Stroke	10
	D15B1 1493cc Inline4 SOHC 4v	01/1987 - 09/1995	L4	75.0mm x 84.5mm	
	D15B2 1493cc Inline4 SOHC 4v	01/1988 - 09/1995	L4	75.0mm x 84.5mm	
	D15B4 1493cc Inline4 SOHC 4v	11/1987 - 12/1993	L4	75.0mm x 84.5mm	
	D15B6 1493cc Inline4 SOHC 2v	01/1990 - 12/1991	L4	75.0mm x 84.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>For engines up to 09/1991.</i>					
4B1955A STD, .25, .50, .75, 1.00		41.982/1.6528	44.999/1.7716	1.496/.0589	18.45/.726	F810	1955A
		41.994/1.6533	45.024/1.7726				IH
	CONROD	<i>For engines from 09/1991.</i>					
4B1956A STD, .25, .50, .75, 1.00		44.980/1.7709	48.000/1.8898	1.504/.0592	18.50/.728	F810	1956A
		45.000/1.7717	48.020/1.8905				IH
	CONROD						
RACE SERIES 4B1956H STD, .025, .25		44.980/1.7709	48.000/1.8898	1.499/.0590	18.50/.728	F781	1956H
		45.000/1.7717	48.020/1.8905				IH
	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
RACE SERIES 4B1956HX STD		44.980/1.7709	48.000/1.8898	1.486/.0585	18.50/.728	F781	1956HX
		45.000/1.7717	48.020/1.8905				IH
	CONROD	<i>For engines from 09/1991.</i>					
4B1956P STD, .25, .50, .75, 1.00		44.980/1.7709	48.000/1.8898	1.504/.0592	18.50/.728	F780	1956
		45.000/1.7717	48.020/1.8905				IH
	MAINS						
5M1932A STD, .25, .50, .75, 1.00	1-5	44.980/1.7709	49.000/1.9291	2.001/.0788	20.00/.787	F810	1932A
		45.000/1.7717	49.025/1.9301				IH
	THRUST						
1T1952 STD, .125, .25	1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T
		56.000/2.2047	77.850/3.0650				IH

11	Engine	Year	Cyl	Bore x Stroke	11
	D15B7 1493cc Inline4 SOHC 4v	01/1992 - 12/1995	L4	75.0mm x 84.5mm	
	D15B8 1493cc Inline4 SOHC 4v	01/1992 - 12/1995	L4	75.0mm x 84.5mm	
	D15Z1 1493cc Inline4 SOHC 4v VTEC	10/1991 - 12/1995	L4	75.0mm x 84.5mm	
	D15Z2 1493cc Inline4 SOHC 4v	01/1993 - 12/1995	L4	75.0mm x 84.5mm	
	D15Z3 1493cc Inline4 SOHC 4v	09/1994 - 01/1997	L4	75.0mm x 84.5mm	
	D15Z6 1493cc Inline4 SOHC 4v	10/1995 - On	L4	75.0mm x 84.5mm	
	D15Z8 1493cc Inline4 SOHC 4v	01/1997 - On	L4	75.0mm x 84.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>For engines from 09/1991.</i>					
4B1956A STD, .25, .50, .75, 1.00		44.980/1.7709	48.000/1.8898	1.504/.0592	18.50/.728	F810	1956A
		45.000/1.7717	48.020/1.8905				IH
	CONROD						
RACE SERIES 4B1956H STD, .025, .25		44.980/1.7709	48.000/1.8898	1.499/.0590	18.50/.728	F781	1956H
		45.000/1.7717	48.020/1.8905				IH



11 Continued ...							11
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
4B1956HX STD		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.486/.0585	18.50/.728	F781	1956HX IH
4B1956P STD, .25, .50, .75, 1.00	CONROD	<i>For engines from 09/1991.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.504/.0592	18.50/.728	F780	1956 IH
5M1932A STD, .25, .50, .75, 1.00	MAINS 1-5	44.980/1.7709 45.000/1.7717	49.000/1.9291 49.025/1.9301	2.001/.0788	20.00/.787	F810	1932A IH
1T1952 STD, .125, .25	THRUST 1	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1952T IH

12 Engine	Year	Cyl	Bore x Stroke	12
B18A (USA) 1834cc Inline4 SOHC 4v	01/1986 - 12/1989	L4	81.0mm x 89.0mm	
D16A1 1590cc Inline4 DOHC 4v	01/1986 - 12/1989	L4	75.0mm x 90.0mm	
D16A3 1590cc Inline4 DOHC 4v	01/1986 - 12/1989	L4	75.0mm x 90.0mm	
D16A6 1590cc Inline4 SOHC 4v	10/1987 - 06/1995	L4	75.0mm x 90.0mm	
D16A7 1590cc Inline4 SOHC 4v	09/1987 - 06/1995	L4	75.0mm x 90.0mm	
D16A8 1590cc Inline4 DOHC 4v	11/1987 - 02/1993	L4	75.0mm x 90.0mm	
D16A9 1590cc Inline4 DOHC 4v	01/1988 - 01/1995	L4	75.0mm x 90.0mm	
D16B2 1590cc Inline4 DOHC 4v	03/1997 - 02/2001	L4	75.0mm x 90.0mm	
D16B6 1590cc Inline4 DOHC 4v	10/1998 - 02/2003	L4	75.0mm x 90.0mm	
D16W1 1590cc Inline4 SOHC 4v	01/1999 - 05/2002	L4	75.0mm x 90.0mm	
D16Y1 1590cc Inline4 SOHC 4v	10/1993 - 10/2000	L4	75.0mm x 90.0mm	
D16Y4 1590cc Inline4 SOHC 4v	10/1995 - 12/2000	L4	75.0mm x 90.0mm	
D16Y5 1590cc Inline4 SOHC 4v	01/1995 - 12/2000	L4	75.0mm x 90.0mm	
D16Y7 1590cc Inline4 SOHC 4v	01/1996 - 12/2000	L4	75.0mm x 90.0mm	
D16Y8 1590cc Inline4 SOHC 4v	01/1996 - 12/2000	L4	75.0mm x 90.0mm	
D16Z2 1590cc Inline4 SOHC 4v	01/1988 - 12/1992	L47	75.0mm x 90.0mm	
D16Z5 1590cc Inline4 DOHC 4v	11/1988 - 12/1992	L4	75.0mm x 90.0mm	
D16Z6 1590cc Inline4 SOHC 2v	01/1992 - 12/1995	L4	75.0mm x 90.0mm	
ZC 1590cc Inline4 DOHC 4v	02/1985 - 12/1987	L4	75.0mm x 90.0mm	
ZC 1590cc Inline4 SOHC 2v	10/1984 - On	L4	75.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1956A STD, .25, .50, .75, 1.00	CONROD	<i>For engines from 09/1991.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.504/.0592	18.50/.728	F810	1956A IH
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
4B1956H STD, .025, .25		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.499/.0590	18.50/.728	F781	1956H IH
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
4B1956HX STD		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.486/.0585	18.50/.728	F781	1956HX IH
4B1956P STD, .25, .50, .75, 1.00	CONROD	<i>For engines from 09/1991.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.504/.0592	18.50/.728	F780	1956 IH
5M1957A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>					
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F810	1957A IH
RACE SERIES	MAINS	<i>Fully grooved with one oil hole.</i>					
5M1957H STD, .025, .25	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957H IH
RACE SERIES	MAINS	<i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>					
5M1957HX STD	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.994/.0785	20.00/.787	F780	1957HX IH



12 Continued ...							12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1957P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>					
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957 IH
1T1957 STD	THRUST	61.250/2.4114	81.750/3.2185		2.50/.098	F817	1957T IH
		61.500/2.4213	82.000/3.2283				

13 Engine	Year	Cyl	Bore x Stroke	13
EW1 1488cc Inline4 SOHC 2v	01/1984 - 10/1987	L4	2.91in x 3.41in	
EW2 1488cc Inline4 SOHC 2v	01/1984 - 10/1987	L4	74.0mm x 86.5mm	
EW3 1488cc Inline4 SOHC 3v	01/1985 - 10/1987	L4	74.0mm x 86.5mm	
EW4 1488cc Inline4 SOHC 3v	01/1985 - 10/1987	L4	74.0mm x 86.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1955A STD, .25, .50, .75, 1.00	CONROD	<i>For engines up to 09/1991.</i>					
		41.982/1.6528 41.994/1.6533	44.999/1.7716 45.024/1.7726	1.496/.0589	18.45/.726	F810	1955A IH
5M1947A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Bearings have a slot.</i>					
		49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/.0789	20.00/.787	F810	1947A IH
5M1952A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Hardening Of Shaft Recommended After Grinding. To be superceded by 5M1947A.</i>					
		49.982/1.9678 49.994/1.9683	54.000/2.1260 54.024/2.1269	1.999/.0787	19.94/.785	F810	1952A IH
		49.982/1.9678 49.994/1.9683	54.000/2.1260 54.024/2.1269	1.999/.0787	19.94/.785	F810	1952A IH
1T1952 STD, .125, .25	THRUST 1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T IH
		56.000/2.2047	77.850/3.0650				

14 Engine	Year	Cyl	Bore x Stroke	14
F20C1 1997cc Inline4 DOHC 4v	08/1999 - 12/2005	L4	87.0mm x 84.0mm	
F20C2 1997cc Inline4 DOHC 4v	01/2006 - 12/2009	L4	87.0mm x 84.0mm	
F22C1 2157cc Inline4 DOHC 4v	01/2004 - 12/2009	L4	87.0mm x 90.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 4B1912H STD, .025, .25	CONROD	<i>No oil hole.</i>					
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.496/.0589	19.40/.764	F781	1912H IH
RACE SERIES 4B1912HX STD	CONROD	<i>No oil hole. 0.001" extra oil clearance on STD journal.</i>					
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.483/.0584	19.40/.764	F781	1912HX IH
4B1912P STD, .25, .50	CONROD	<i>No oil hole.</i>					
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	19.40/.764	F780	1912 IH
4B1936A STD, .25, .50, .75, 1.00	CONROD	<i>One oil hole.</i>					
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	19.40/.764	F810	1936A IH
RACE SERIES 5M1913H STD, .025, .25	MAINS 1,2,3,4,5	54.976/2.1644 55.000/2.1654	60.000/2.3622 60.020/2.3630	2.504/.0986	20.00/.787	F780	1913H IH
RACE SERIES 5M1913HX STD	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>					
		54.976/2.1644 55.000/2.1654	60.000/2.3622 60.020/2.3630	2.491/.0981	20.00/.787	F780	1913HX IH
5M1913P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	54.976/2.1644 55.000/2.1654	60.000/2.3622 60.020/2.3630	2.504/.0986	20.00/.787	F780	1913 IH

15	Engine	Year	Cyl	Bore x Stroke	15
	F18B 1850cc Inline4 SOHC 4v	10/1998 - 02/2003	L4	85.0mm x 81.5mm	
	F20B3 1997cc Inline4 SOHC 4v	09/1993 - 06/1998	L4	85.0mm x 88.0mm	
	F20B5 1997cc Inline4 SOHC 4v	12/1997 - 02/2003	L4	85.0mm x 88.0mm	
	F20B6 1997cc Inline4 SOHC 4v	10/1998 - 02/2003	L4	85.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
4B1946A STD, .25, .50, .75, 1.00		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F810	1946A IH
RACE SERIES 4B1946H STD, .025, .25	CONROD	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.504/.0592	19.50/.768	F781	1946H IH
RACE SERIES 4B1946HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.491/.0587	19.50/.768	F781	1946HX IH
4B1946P STD, .25, .50, .75, 1.00	CONROD	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F780	1946 IH
5M1937A STD, .25, .50	MAINS 1-5	<i>To be superceded by 5M1947A.</i>					
		49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/.0789	20.00/.787	F810	1937A IH
5M1947A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Bearings have a slot.</i>					
		49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/.0789	20.00/.787	F810	1947A IH
1T1937 STD	THRUST	57.650/2.2697 57.900/2.2795	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1937T IH

16	Engine	Year	Cyl	Bore x Stroke	16
	F20A2 1997cc Inline4 SOHC 4v	01/1989 - 12/1993	L4	87.0mm x 88.0mm	
	F20A4 1997cc Inline4 SOHC 4v	01/1989 - 12/1993	L4	87.0mm x 88.0mm	
	F20A5 1997cc Inline4 SOHC 4v	01/1989 - 12/1993	L4	87.0mm x 88.0mm	
	F20A6 1997cc Inline4 SOHC 4v	01/1990 - 12/1993	L4	87.0mm x 88.0mm	
	F20A7 1997cc Inline4 SOHC 4v	01/1992 - 12/1993	L4	87.0mm x 88.0mm	
	F20A8 1997cc Inline4 SOHC 4v	01/1992 - 12/1993	L4	87.0mm x 88.0mm	
	F22A1 2156cc Inline4 SOHC 4v	01/1989 - 12/1996	L4	85.0mm x 95.0mm	
	F22A3 2156cc Inline4 SOHC 4v	01/1989 - 12/1995	L4	85.0mm x 95.0mm	
	F22A4 2156cc Inline4 SOHC 4v	01/1990 - 12/1991	L4	85.0mm x 95.0mm	
	F22A5 2156cc Inline4 SOHC 4v	11/1989 - 06/2000	L4	85.0mm x 95.0mm	
	F22A6 2156cc Inline4 SOHC 4v	01/1991 - 06/1994	L4	85.0mm x 95.0mm	
	F22B1 2156cc Inline4 SOHC 4v	01/1993 - 12/1997	L4	85.0mm x 95.0mm	
	F22B2 2156cc Inline4 SOHC 4v	01/1994 - 12/1997	L4	85.0mm x 95.0mm	
	F22B3 2156cc Inline4 SOHC 4v	01/1993 - 12/1997	L4	85.0mm x 95.0mm	
	F22B6 2156cc Inline4 SOHC 4v	01/1995 - 12/1997	L4	85.0mm x mm	
	F22B8 2156cc Inline4 SOHC 4v	01/1995 - 12/1997	L4	85.0mm x 95.0mm	
	F22Z6 2156cc Inline4 DOHC 4v	12/1996 - 05/2002	L4	85.0mm x 95.0mm	
	H23A 2258cc Inline4 DOHC 4v	12/1991 - 12/1999	L4	87.0mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1936A STD, .25, .50, .75, 1.00	CONROD	<i>One oil hole.</i>					
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	19.40/.764	F810	1936A IH
5M1937A STD, .25, .50	MAINS 1-5	<i>To be superceded by 5M1947A.</i>					
		49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/.0789	20.00/.787	F810	1937A IH
5M1947A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Bearings have a slot.</i>					
		49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/.0789	20.00/.787	F810	1947A IH



16 Continued ...							16
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

THRUST							
1T1937 STD		57.650/2.2697 57.900/2.2795	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1937T IH

17 Engine			Year	Cyl	Bore x Stroke	17
F23A1 2254cc Inline4 SOHC 4v			12/1997 - 12/2000	L4	86.0mm x 97.0mm	
F23A4 2254cc Inline4 SOHC 4v			01/1998 - 12/2002	L4	86.0mm x 97.0mm	
F23A5 2254cc Inline4 SOHC 4v			01/1998 - 12/2002	L4	86.0mm x 97.0mm	
F23A7 2254cc Inline4 SOHC 4v			01/1998 - 02/2002	L4	86.0mm x 97.0mm	
F23Z2 2254cc Inline4 SOHC 4v			01/1999 - 05/2003	L4	86.0mm x 97.0mm	
F23Z4 2254cc Inline4 SOHC 4v			04/2000 - 05/2004	L4	86.0mm x 97.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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RACE SERIES 4B1906H STD, .025, .25, .50	CONROD	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	15.50/.610	F781	1906H IH
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RACE SERIES 4B1906HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.489/.0586	15.50/.610	F781	1906HX IH
		44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907				

4B1906P STD, .25, .50, .75	CONROD	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	15.50/.610	F780	1906 IH
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5M1957A STD, .25, .50, .75, 1.00	MAINS	<i>Fully grooved with one oil hole.</i>		2.007/.0790	20.00/.787	F810	1957A IH
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236				

RACE SERIES 5M1957H STD, .025, .25	MAINS	<i>Fully grooved with one oil hole.</i>		2.007/.0790	20.00/.787	F780	1957H IH
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236				

RACE SERIES 5M1957HX STD	MAINS	<i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>		1.994/.0785	20.00/.787	F780	1957HX IH
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236				

5M1957P STD, .25, .50, .75, 1.00	MAINS	<i>Fully grooved with one oil hole.</i>		2.007/.0790	20.00/.787	F780	1957 IH
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236				

1T1957 STD	THRUST	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH
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18 Engine			Year	Cyl	Bore x Stroke	18
H22A1 2157cc Inline4 DOHC 4v			02/1994 - 12/1996	L4	87.0mm x 90.7mm	
H22A2 2157cc Inline4 DOHC 4v			02/1993 - 09/1996	L4	87.0mm x 90.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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RACE SERIES 4B1912H STD, .025, .25	CONROD	<i>No oil hole.</i>		1.496/.0589	19.40/.764	F781	1912H IH
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088				

RACE SERIES 4B1912HX STD	CONROD	<i>No oil hole. 0.001" extra oil clearance on STD journal.</i>		1.483/.0584	19.40/.764	F781	1912HX IH
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088				

4B1912P STD, .25, .50	CONROD	<i>No oil hole.</i>		1.500/.0591	19.40/.764	F780	1912 IH
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088				

4B1936A STD, .25, .50, .75, 1.00	CONROD	<i>One oil hole.</i>		1.500/.0591	19.40/.764	F810	1936A IH
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088				

5M1937A STD, .25, .50	MAINS	<i>To be superseded by 5M1947A.</i>		2.004/.0789	20.00/.787	F810	1937A IH
	1-5	49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268				



18 Continued ... 18

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS		<i>Bearings have a slot.</i>					
5M1947A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.980/1.9677	54.000/2.1260	2.004/.0789	20.00/.787	F810	1947A IH
		50.000/1.9685	54.020/2.1268				
THRUST							
1T1937 STD		57.650/2.2697	77.600/3.0551		2.49/.098	F817	1937T IH
		57.900/2.2795	77.850/3.0650				

19 Engine Year Cyl Bore x Stroke 19

H22A4 2157cc Inline4 DOHC 4v				12/1996 - 12/2001	L4	87.0mm x 90.7mm	
H22A5 2157cc Inline4 DOHC 4v				10/1996 - 12/1998	L4	87.0mm x 90.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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RACE SERIES		CONROD <i>No oil hole.</i>					
4B1912H STD, .025, .25		47.980/1.8890	51.004/2.0080	1.496/.0589	19.40/.764	F781	1912H IH
		48.000/1.8898	51.024/2.0088				
RACE SERIES		CONROD <i>No oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1912HX STD		47.980/1.8890	51.004/2.0080	1.483/.0584	19.40/.764	F781	1912HX IH
		48.000/1.8898	51.024/2.0088				
RACE SERIES		CONROD <i>No oil hole.</i>					
4B1912P STD, .25, .50		47.980/1.8890	51.004/2.0080	1.500/.0591	19.40/.764	F780	1912 IH
		48.000/1.8898	51.024/2.0088				
RACE SERIES		CONROD <i>One oil hole.</i>					
4B1936A STD, .25, .50, .75, 1.00		47.980/1.8890	51.004/2.0080	1.500/.0591	19.40/.764	F810	1936A IH
		48.000/1.8898	51.024/2.0088				
RACE SERIES		MAINS <i>Suits until 12/97. To be superceded by 5M1947A.</i>					
5M1937A STD, .25, .50	1-5	49.980/1.9677	54.000/2.1260	2.004/.0789	20.00/.787	F810	1937A IH
		50.000/1.9685	54.020/2.1268				
RACE SERIES		MAINS <i>Suits until 12/97. Bearings have a slot.</i>					
5M1947A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.980/1.9677	54.000/2.1260	2.004/.0789	20.00/.787	F810	1947A IH
		50.000/1.9685	54.020/2.1268				
RACE SERIES		MAINS <i>Suits from 1998 on. Fully grooved with one oil hole.</i>					
5M1957A STD, .25, .50, .75, 1.00	1,2,3,4,5	54.980/2.1646	59.000/2.3228	2.007/.0790	20.00/.787	F810	1957A IH
		55.000/2.1654	59.020/2.3236				
RACE SERIES		MAINS <i>Fully grooved with one oil hole.</i>					
5M1957H STD, .025, .25	1,2,3,4,5	54.980/2.1646	59.000/2.3228	2.007/.0790	20.00/.787	F780	1957H IH
		55.000/2.1654	59.020/2.3236				
RACE SERIES		MAINS <i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>					
5M1957HX STD	1,2,3,4,5	54.980/2.1646	59.000/2.3228	1.994/.0785	20.00/.787	F780	1957HX IH
		55.000/2.1654	59.020/2.3236				
RACE SERIES		MAINS <i>Fully grooved with one oil hole.</i>					
5M1957P STD, .25, .50, .75, 1.00	1,2,3,4,5	54.980/2.1646	59.000/2.3228	2.007/.0790	20.00/.787	F780	1957 IH
		55.000/2.1654	59.020/2.3236				
RACE SERIES		THRUST <i>Suits until 12/97.</i>					
1T1937 STD		57.650/2.2697	77.600/3.0551		2.49/.098	F817	1937T IH
		57.900/2.2795	77.850/3.0650				
RACE SERIES		THRUST <i>Suits from 1998 on.</i>					
1T1957 STD		61.250/2.4114	81.750/3.2185		2.50/.098	F817	1957T IH
		61.500/2.4213	82.000/3.2283				



20	Engine	Year	Cyl	Bore x Stroke	20
	K20A2 1998cc Inline4 DOHC 4v	08/2001 - 10/2004	L4	86.0mm x 86.0mm	
	K20Z1 1998cc Inline4 DOHC 4v	10/2004 - 07/2006	L4	86.0mm x 86.0mm	
	K24A1 2354cc Inline4 DOHC 4v	12/2001 - 01/2007	L4	3.43in x 3.90in	
	K24A3 2354cc Inline4 DOHC 4v	06/2003 - 06/2008	L4	87.0mm x 99.0mm	
	K24A4 2354cc Inline4 DOHC 4v	08/2003 - 02/2008	L4	87.0mm x 99.0mm	
	K24A8 2354cc Inline4 DOHC 4v	01/2006 - 12/2010	L4	87.0mm x 99.0mm	
	K24Z1 2354cc Inline4 DOHC 4v	01/2007 - On	L4	87.0mm x 99.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD						
4B1972H STD, .025, .25		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	15.40/.606	F781	1972H IH
RACE SERIES	CONROD						
4B1972HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.487/.0585	15.40/.606	F781	1972HX IH
4B1972P STD, .25, .50, .75, 1.00	CONROD	47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.492/.0587	15.40/.606	F780	1972 IH
5M1959A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half groove with two oil holes in upper half.</i>		2.002/.0788	20.00/.787	F810	1959A UL
RACE SERIES	MAINS 1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F780	1959H UL
RACE SERIES	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.989/.0783	20.00/.787	F780	1959HX UL
5M1959P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half groove with two oil holes in upper half.</i>		2.007/.0790	20.00/.787	F780	1959 UL
1T1957 STD	THRUST	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH
4RB4224 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		1.250/.0492	19.80/.780	F100	4RB4224

21	Engine	Year	Cyl	Bore x Stroke	21
	B20B4 1973cc Inline4 DOHC 4v	01/1997 - 12/1998	L4		
	B20Z2 1973cc Inline4 DOHC 4v	01/1999 - 12/2001	L4	84.0mm x 89.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1956A STD, .25, .50, .75, 1.00	CONROD	<i>For engines from 09/1991.</i>		1.504/.0592	18.50/.728	F810	1956A IH
RACE SERIES	CONROD	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.499/.0590	18.50/.728	F781	1956H IH
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.486/.0585	18.50/.728	F781	1956HX IH
4B1956P STD, .25, .50, .75, 1.00	CONROD	<i>For engines from 09/1991.</i>		1.504/.0592	18.50/.728	F780	1956 IH
5M1959A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half groove with two oil holes in upper half.</i>		2.002/.0788	20.00/.787	F810	1959A UL
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236				



21 Continued ...								21	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
RACE SERIES 5M1959H STD, .025, .25	MAINS 1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F780	1959H UL		
RACE SERIES 5M1959HX STD	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/.0783	20.00/.787	F780	1959HX UL
5M1959P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half groove with two oil holes in upper half.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1959 UL
1T1957 STD	THRUST	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH		

22 Engine				Year	Cyl	Bore x Stroke	22		
D17A1 1668cc Inline4 SOHC 4v				11/2000 - 12/2005	L4	75.0mm x 94.0mm			
D17A2 1668cc Inline4 SOHC 4v				10/2000 - 02/2006	L4	75.0mm x 94.4mm			
D17A6 1668cc Inline4 SOHC 4v				11/2000 - 12/2005	L4	75.0mm x 94.4mm			
D17A7 1668cc Inline4 SOHC 4v CNG				01/2001 - 12/2005	L4	75.0mm x 94.4mm			
D17Z1 1668cc Inline4 SOHC 4v				10/2000 - 02/2006	L4	75.0mm x 94.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B1980A STD, .25, .50, .75	CONROD	44.976/1.7707 45.000/1.7717		1.502/.0591	15.50/.610	F810	1980A IH		
5M1957A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F810	1957A IH
RACE SERIES 5M1957H STD, .025, .25	MAINS 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957H IH
RACE SERIES 5M1957HX STD	MAINS 1,2,3,4,5	<i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.994/.0785	20.00/.787	F780	1957HX IH
5M1957P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957 IH
1T1957 STD	THRUST	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH		

23 Engine				Year	Cyl	Bore x Stroke	23
L13A1 1339cc Inline4 SOHC 2v				10/2002 - 08/2009	L4	73.0mm x 80.0mm	
L13Z1 1339cc Inline4 SOHC 2v				08/2009 - On	L4	73.0mm x 80.0mm	
L15A1 1497cc Inline4 SOHC 4v				10/2004 - 08/2009	L4	73.0mm x 89.4mm	
L15A7 1497cc Inline4 SOHC 4v				08/2009 - On	L4	73.0mm x 89.4mm	
LDA 1339cc (Hybrid) Inline4 SOHC 2v				01/2001 - On	L4	73.0mm x 80.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1978A STD, .25, .50, .75	CONROD	39.980/1.5740 40.000/1.5748	43.000/1.6929 43.020/1.6937	1.498/.0590	13.50/.532	F810	1978A IH
5M1979A STD, .25, .50, .75	MAINS 1,2,3,4,5	49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.010/.0791	17.00/.669	F810	1979A UL
1T1957 STD	THRUST	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH



24	Engine	Year	Cyl	Bore x Stroke	24
	J35A Series 3471cc V6 SOHC 4v	01/1999 - 12/2010	V6	89.0mm x 93.0mm	
	J35Z Series 3471cc V6 SOHC 4v	01/2006 - 12/2012	V6	89.0mm x 93.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1995P STD, .25, .50, .75, 1.00		54.976/2.1644	58.000/2.2835	1.510/.0594	14.50/.571	F780	1995 IH
		55.000/2.1654	58.020/2.2842				
MAINS							
4M1996A STD, .25, .50, .75, 1.00	1,2,3,4	71.976/2.8337	77.036/3.0329	2.505/.0986	18.10/.713	F810	1996A UL
		72.000/2.8346	77.060/3.0339				
THRUST							
1T1996 STD						F817	1996T IH

25	Engine	Year	Cyl	Bore x Stroke	25
	EB5 1433cc Inline4 SOHC 2v	01/1972 - 12/1975	L4	72.0mm x 88.0mm	
	EC 1488cc Inline4 SOHC 2v	01/1974 - 12/1979	L4	74.0mm x 86.5mm	
	ED 1488cc Inline4 SOHC 2v	01/1975 - 01/1979	L4	74.0mm x 86.5mm	
	EF 1599cc Inline4 SOHC 2v	12/1976 - 12/1978	L4	74.0mm x 93.0mm	
	EG 1599cc Inline4 SOHC 2v	01/1977 - 12/1978	L4	74.0mm x 93.0mm	
	EK 1751cc Inline4 SOHC 2v	12/1976 - On	L4	74.0mm x 94.0mm	
	EL 1602cc Inline4 SOHC 2v	01/1977 - 04/1986	L4	77.0mm x 86.0mm	
	EM 1488cc Inline4 SOHC 3v	01/1980 - 01/1986	L4	74.0mm x 86.5mm	
	EP 1601cc Inline4 SOHC 2v	01/1980 - 01/1985	L4	77.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1951A STD, .25, .50, .75, 1.00		41.982/1.6528	44.999/1.7716	1.496/.0589	17.52/.690	F810	1951A IH
		41.994/1.6533	45.024/1.7726				
MAINS							
5M1947A STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>Bearings have a slot.</i>		2.004/.0789	20.00/.787	F810	1947A IH
		49.980/1.9677	54.000/2.1260				
		50.000/1.9685	54.020/2.1268				
MAINS							
5M1952A STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>To be superseded by 5M1947A.</i>					
		49.982/1.9678	54.000/2.1260	1.999/.0787	19.94/.785	F810	1952A IH
		49.994/1.9683	54.024/2.1269				
	1,2,3,4,5	49.982/1.9678	54.000/2.1260	1.999/.0787	19.94/.785	F810	1952A IH
		49.994/1.9683	54.024/2.1269				
THRUST							
1T1952 STD, .125, .25	1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T IH
		56.000/2.2047	77.850/3.0650				

26	Engine	Year	Cyl	Bore x Stroke	26
	D13A 1343cc Inline4 SOHC 4v	09/1987 - 10/1995	L4	75.0mm x 76.0mm	
	D13B 1343cc Inline4 SOHC 4v	06/1987 - 09/1991	L4	75.0mm x 76.0mm	
	D13B1 1343cc Inline4 SOHC 4v	10/1987 - 09/1991	L4	75.0mm x 76.0mm	
	D13B2 1343cc Inline4 SOHC 4v	04/1991 - 09/1993	L4	75.0mm x 76.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1930A STD, .25, .50, .75			43.000/1.6929	1.504/.0592	18.50/.728	F810	1930A IH
			43.025/1.6939				
MAINS							
5M1932A STD, .25, .50, .75, 1.00	1-5	44.980/1.7709	49.000/1.9291	2.001/.0788	20.00/.787	F810	1932A IH
		45.000/1.7717	49.025/1.9301				
THRUST							
1T1952 STD, .125, .25	1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T IH
		56.000/2.2047	77.850/3.0650				

27	Engine	Year	Cyl	Bore x Stroke	27
	B20A 1958cc Inline4 DOHC 4v	06/1985 - 12/1991	L4	81.0mm x 95.0mm	
	B21A 1958cc Inline4 DOHC 4v	05/1992 - 11/1996	L4	81.0mm x 95.0mm	
	B21A1 2056cc Inline4 DOHC 4v	01/1990 - 12/1991	L4	83.0mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>One oil hole.</i>					
4B1936A STD, .25, .50, .75, 1.00		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	19.40/.764	F810	1936A IH
RACE SERIES	MAINS	<i>Fully grooved with one oil hole.</i>					
5M1957H STD, .025, .25	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957H IH
RACE SERIES	MAINS	<i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>					
5M1957HX STD	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.994/.0785	20.00/.787	F780	1957HX IH
5M1957P STD, .25, .50, .75, 1.00	MAINS	<i>Fully grooved with one oil hole.</i>					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957 IH
1T1957 STD	THRUST	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH

28	Engine	Year	Cyl	Bore x Stroke	28
	H22A7 2157cc Inline4 DOHC 4v	01/1999 - 02/2003	L4	87.0mm x 90.7mm	
	H22A8 2157cc Inline4 DOHC 4v	01/1999 - 12/2001	L4	87.0mm x 90.7mm	
	H22Z1 2157cc Inline4 DOHC 4v	01/1999 - 12/2001	L4	87.0mm x 90.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD	<i>No oil hole.</i>					
4B1912H STD, .025, .25		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.496/.0589	19.40/.764	F781	1912H IH
RACE SERIES	CONROD	<i>No oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1912HX STD		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.483/.0584	19.40/.764	F781	1912HX IH
4B1912P STD, .25, .50	CONROD	<i>No oil hole.</i>					
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	19.40/.764	F780	1912 IH
4B1936A STD, .25, .50, .75, 1.00	CONROD	<i>One oil hole.</i>					
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	19.40/.764	F810	1936A IH
5M1957A STD, .25, .50, .75, 1.00	MAINS	<i>Fully grooved with one oil hole.</i>					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F810	1957A IH
RACE SERIES	MAINS	<i>Fully grooved with one oil hole.</i>					
5M1957H STD, .025, .25	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957H IH
RACE SERIES	MAINS	<i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>					
5M1957HX STD	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.994/.0785	20.00/.787	F780	1957HX IH
5M1957P STD, .25, .50, .75, 1.00	MAINS	<i>Fully grooved with one oil hole.</i>					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957 IH
1T1957 STD	THRUST	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH



29 Engine		Year		Cyl	Bore x Stroke		29
C20A 1996cc V6 SOHC 4v		11/1985 - 10/1990		V6			
C20A-T 1996cc V6 SOHC 4v Turbo		10/1988 - 10/1990		V6			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1974A STD, .25, .50, .75, 1.00			48.000/1.8898 48.020/1.8905	1.501/.0591	17.50/.689	F810	1974A IH
MAINS							
4M1975A STD, .25, .50, .75, 1.00	1,2,3,4		54.000/2.1260 54.020/2.1268	1.999/.0787	20.00/.787	F810	1975A UL
THRUST							
1T1952 STD, .125, .25	1	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1952T IH
30 Engine		Year		Cyl	Bore x Stroke		30
R16A 1595cc Inline4 SOHC 4v		01/2006 - On		L4	81.0mm x 77.4mm		
R18A 1799cc Inline4 SOHC 4v		01/2006 - On		L4	81.0mm x 87.3mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1908A STD, .25, .50, .75, 1.00		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.505/.0593	14.95/.589	F810	1908A IH
MAINS							
5M1909A STD, .25, .50, .75, 1.00	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.010/.0791	18.00/.709	F810	1909A UL
THRUST							
1T1957 STD		61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH
31 Engine		Year		Cyl	Bore x Stroke		31
B16B 1595cc Inline4 DOHC 4v VTEC		08/1997 - 12/2000		L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1980A STD, .25, .50, .75		44.976/1.7707 45.000/1.7717		1.502/.0591	15.50/.610	F810	1980A IH
MAINS							
5M1959A STD, .25, .50, .75, 1.00	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F810	1959A UL
<i>Half groove with two oil holes in upper half.</i>							
RACE SERIES							
5M1959H STD, .025, .25	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F780	1959H UL
RACE SERIES							
5M1959HX STD	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/.0783	20.00/.787	F780	1959HX UL
<i>0.001" extra oil clearance on STD journal.</i>							
MAINS							
5M1959P STD, .25, .50, .75, 1.00	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1959 UL
<i>Half groove with two oil holes in upper half.</i>							
THRUST							
1T1957 STD		61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH
32 Engine		Year		Cyl	Bore x Stroke		32
B18 (Saudi) 1834cc Inline4		01/1988 - On		L4	81.0mm x 89.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1983A STD, .25, .50		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.498/.0590	19.40/.764	F810	1983A IH

32 Continued ... 32

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS							
5M1984A STD, .25, .50	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.998/.0787	20.00/.787	F810	1984A UL

33 Engine 33

Year	Cyl	Bore x Stroke
01/1981 - 12/1986	L4	66.0mm x 90.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B1950A STD, .25, .50, .75, 1.00		39.982/1.5741 39.994/1.5746	43.000/1.6929 43.025/1.6939	1.499/.0590	17.52/.690	F810	1950A IH
MAINS							
5M1932A STD, .25, .50, .75, 1.00	1-5	44.980/1.7709 45.000/1.7717	49.000/1.9291 49.025/1.9301	2.001/.0788	20.00/.787	F810	1932A IH
THRUST							
1T1952 STD, .125, .25	1	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1952T IH

34 Engine 34

Year	Cyl	Bore x Stroke
01/1992 - 12/1997	V6	93.4mm x 77.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
6B1840A STD, .25, .50, .75, 1.00		53.922/2.1229 53.937/2.1235	56.982/2.2434 57.000/2.2441	1.513/.0596	17.12/.674	F810	1840A IH
MAINS							
4M1842A STD, .25, .50, .75, 1.00	1,4	63.919/2.5165 63.932/2.5170	68.979/2.7157 68.999/2.7165	2.527/.0995	18.50/.728	F810	1842A IH
	2,3	63.919/2.5165 63.932/2.5170	68.979/2.7157 68.999/2.7165	2.527/.0995	16.50/.650	F810	1843A UL
THRUST							
1T1842 STD		71.000/2.7953 71.250/2.8051	97.550/3.8405 97.800/3.8504		1.95/.077	F817	1842T IH

35 Engine 35

Year	Cyl	Bore x Stroke
08/1987 - 03/2003	L4	92.6mm x 95.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B1820A STD, .25, .50, .75, 1.00		48.927/1.9263 48.940/1.9268	51.985/2.0466 52.005/2.0474	1.510/.0594	22.00/.866	F810	1820A IH
<i>Partial groove and oil hole at notch end.</i>							
4B2821A STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262 48.940/1.9268	51.987/2.0467 52.000/2.0472	1.513/.0596	22.00/.866	F810	2821A IH
MAINS							
5M1824A STD, .25, .50, .75, 1.00	1,2,3,4,5	55.919/2.2015 55.932/2.2020	59.980/2.3614 60.000/2.3622	2.008/.0791	21.75/.856	F810	1824A UL
THRUST							
1T1824 STD		63.750/2.5098 64.000/2.5197	79.934/3.1470 80.188/3.1570		2.36/.093	F817	1824T IH

36 Engine 36

Year	Cyl	Bore x Stroke
01/1989 - 12/1997	L5	82.0mm x 75.6mm
01/1992 - 12/1998	L5	85.0mm x 86.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
5B1943A STD, .25, .50, .75, 1.00		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.498/.0590	19.40/.764	F810	1943A IH



36 Continued ...							36
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6M1944A STD, .25, .50, .75, 1.00	MAINS	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.001/.0788	20.00/.787	F810	1944A UL
	THRUST	57.650/2.2697 57.900/2.2795	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1937T IH

37 Engine				Year	Cyl	Bore x Stroke	37
J32A Series 3210cc V6 SOHC 4v				01/1999 - 12/2008	V6	89.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4M1996A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4	71.976/2.8337 72.000/2.8346	77.036/3.0329 77.060/3.0339	2.505/.0986	18.10/.713	F810	1996A UL
	THRUST					F817	1996T IH

38 Engine				Year	Cyl	Bore x Stroke	38
K20A3 1998cc Inline4 DOHC 4v				09/2001 - 07/2006	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 4B1906H STD, .025, .25, .50	CONROD	44.976/1.7707	48.000/1.8898	1.502/.0591	15.50/.610	F781	1906H IH
		45.000/1.7717	48.024/1.8907				
RACE SERIES 4B1906HX STD	CONROD	0.001" extra oil clearance on STD journal.		1.489/.0586	15.50/.610	F781	1906HX IH
		44.976/1.7707	48.000/1.8898				
4B1906P STD, .25, .50, .75	CONROD	44.976/1.7707	48.000/1.8898	1.502/.0591	15.50/.610	F780	1906 IH
		45.000/1.7717	48.024/1.8907				
5M1959A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	Half groove with two oil holes in upper half.		2.002/.0788	20.00/.787	F810	1959A UL
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236				
RACE SERIES 5M1959H STD, .025, .25	MAINS 1,2,3,4,5	54.980/2.1646	59.000/2.3228	2.002/.0788	20.00/.787	F780	1959H UL
		55.000/2.1654	59.020/2.3236				
RACE SERIES 5M1959HX STD	MAINS 1,2,3,4,5	0.001" extra oil clearance on STD journal.		1.989/.0783	20.00/.787	F780	1959HX UL
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236				
5M1959P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	Half groove with two oil holes in upper half.		2.007/.0790	20.00/.787	F780	1959 UL
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236				
1T1957 STD	THRUST	61.250/2.4114	81.750/3.2185		2.50/.098	F817	1957T IH
		61.500/2.4213	82.000/3.2283				
4RB4224 UNB	PISTON PIN BUSH	Set of 4.		1.250/.0492	19.80/.780	F100	4RB4224

39 Engine				Year	Cyl	Bore x Stroke	39
EY 1598cc Inline4 SOHC 2v				06/1983 - 10/1986	L4	80.0mm x 79.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1460A STD, .25, .50	CONROD	41.973/1.6525	45.000/1.7717	1.503/.0592	17.50/.689	F810	1460A IH
		41.998/1.6535	45.021/1.7725				

39 Continued ... 39

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS		<i>Bearings have a slot.</i>					
5M1947A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.980/1.9677	54.000/2.1260	2.004/.0789	20.00/.787	F810	1947A IH
		50.000/1.9685	54.020/2.1268				
THRUST							
1T1952 STD, .125, .25	1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T IH
		56.000/2.2047	77.850/3.0650				

40 Engine Year Cyl Bore x Stroke 40
EV 1342cc Inline4 SOHC 2v 07/1983 - 10/1987 L4 74.0mm x 78.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1930A STD, .25, .50, .75			43.000/1.6929	1.504/.0592	18.50/.728	F810	1930A IH
			43.025/1.6939				
MAINS		<i>Bearings have a slot.</i>					
5M1947A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.980/1.9677	54.000/2.1260	2.004/.0789	20.00/.787	F810	1947A IH
		50.000/1.9685	54.020/2.1268				
MAINS		<i>Hardening Of Shaft Recommended After Grinding. To be superceded by 5M1947A.</i>					
5M1952A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.982/1.9678	54.000/2.1260	1.999/.0787	19.94/.785	F810	1952A IH
		49.994/1.9683	54.024/2.1269				
THRUST							
1T1952 STD, .125, .25	1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T IH
		56.000/2.2047	77.850/3.0650				

41 Engine Year Cyl Bore x Stroke 41
J30A Series 2997cc V6 SOHC 4v 12/1997 - On V6 86.0mm x 86.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1994P STD, .25, .50, .75, 1.00			56.000/2.2047	1.510/.0594	1.51/.059	F780	1994 IH
			56.020/2.2055				
MAINS							
4M1996A STD, .25, .50, .75, 1.00	1,2,3,4	71.976/2.8337	77.036/3.0329	2.505/.0986	18.10/.713	F810	1996A UL
		72.000/2.8346	77.060/3.0339				
THRUST							
1T1996 STD						F817	1996T IH

42 Engine Year Cyl Bore x Stroke 42
EB1 1169cc Inline4 SOHC 2v 12/1972 - 12/1975 L4 70.0mm x 76.0mm
EB2 1237cc Inline4 SOHC 2v 01/1974 - 12/1979 L4 72.0mm x 76.0mm
EB3 1237cc Inline4 SOHC 2v 03/1978 - 12/1979 L4 72.0mm x 76.0mm
EE 1237cc Inline4 SOHC 2v 01/1975 - 01/1979 L4 72.0mm x 76.0mm
EJ 1335cc Inline4 SOHC 2v 01/1982 - 12/1983 L4 72.0mm x 82.0mm
EN 1335cc Inline4 SOHC 2v 01/1978 - 12/1983 L4 72.0mm x 85.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1950A STD, .25, .50, .75, 1.00		39.982/1.5741	43.000/1.6929	1.499/.0590	17.52/.690	F810	1950A IH
		39.994/1.5746	43.025/1.6939				
MAINS		<i>Bearings have a slot.</i>					
5M1947A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.980/1.9677	54.000/2.1260	2.004/.0789	20.00/.787	F810	1947A IH
		50.000/1.9685	54.020/2.1268				
MAINS		<i>Hardening Of Shaft Recommended After Grinding. To be superceded by 5M1947A.</i>					
5M1952A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.982/1.9678	54.000/2.1260	1.999/.0787	19.94/.785	F810	1952A IH
		49.994/1.9683	54.024/2.1269				
	1,2,3,4,5	49.982/1.9678	54.000/2.1260	1.999/.0787	19.94/.785	F810	1952A IH
		49.994/1.9683	54.024/2.1269				



42 Continued ...							42
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

1T1952 STD, .125, .25	THRUST 1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T IH
		56.000/2.2047	77.850/3.0650				

43 Engine		Year	Cyl	Bore x Stroke	43
EV1 1342cc Inline4 SOHC 2v		09/1983 - 10/1987	L4	74.0mm x 78.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B1931A STD, .25, .50	CONROD	37.976/1.4951	41.000/1.6142	1.504/.0592	18.50/.728	F810	1931A IH
		38.000/1.4961	41.025/1.6152				

5M1932A STD, .25, .50, .75, 1.00	MAINS 1-5	44.980/1.7709	49.000/1.9291	2.001/.0788	20.00/.787	F810	1932A IH
		45.000/1.7717	49.025/1.9301				

1T1952 STD, .125, .25	THRUST 1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T IH
		56.000/2.2047	77.850/3.0650				

44 Engine		Year	Cyl	Bore x Stroke	44
EH 545cc Inline2 SOHC 2v		07/1977 - 05/1988	L2	72.0mm x 67.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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2B1990A STD, .25, .50	CONROD		43.000/1.6929	1.504/.0592	17.50/.689	F810	1990A IH
			43.020/1.6937				

3M1991A STD, .25, .50	MAINS 1,2,3	<i>Suits 42mm shaft, for engines from 7/1977 to 6/1982.</i>		2.001/.0788	20.00/.787	F810	1991A UL
		46.000/1.8110	46.020/1.8118				

3M1992A STD, .25, .50	MAINS 1,2,3	<i>Suits 38mm shaft, for engines from 6/1982 to 5/1988.</i>		2.001/.0788	20.00/.787	F810	1992A UL
		42.000/1.6535	42.020/1.6543				

1T1991 STD	THRUST		82.000/3.2283		2.50/.098	F817	1991T UL

45 Engine		Year	Cyl	Bore x Stroke	45
ER 1231cc Inline4 SOHC 2v		10/1981 - 12/1986	L4	66.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B1926A STD, .25, .50, .75	CONROD	36.980/1.4559	40.000/1.5748	1.504/.0592	17.50/.689	F810	1926A IH
		37.000/1.4567	40.025/1.5758				

5M1932A STD, .25, .50, .75, 1.00	MAINS 1-5	44.980/1.7709	49.000/1.9291	2.001/.0788	20.00/.787	F810	1932A IH
		45.000/1.7717	49.025/1.9301				

1T1952 STD, .125, .25	THRUST 1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T IH
		56.000/2.2047	77.850/3.0650				

46 Engine		Year	Cyl	Bore x Stroke	46
C25A1 2493cc V6 SOHC 4v		01/1986 - 12/1991	V6	84.0mm x 75.0mm	
C27A1 2675cc V6 SOHC 4v		01/1986 - 12/1991	V6	87.0mm x 75.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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6B1935A STD, .25, .50, .75	CONROD	51.976/2.0463	55.000/2.1654	1.503/.0592	17.50/.689	F810	1935A IH
		52.000/2.0472	55.025/2.1663				

46 Continued ...							46
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

4M1934A STD, .25, .50	MAINS 1,2,3,4	<i>To suit 68mm tunnel.</i>		2.000/.0787	20.00/.787	F810	1934A UL
		63.976/2.5187 64.000/2.5197	68.000/2.6772 68.020/2.6779				
1T1934 STD	THRUST	75.250/2.9626	93.750/3.6909		2.50/.098	F817	1934T IH
		75.500/2.9724	94.000/3.7008				

47 Engine		Year	Cyl	Bore x Stroke	47
C27A4 2675cc V6 SOHC 4v		01/1994 - 12/1996	V6	87.0mm x 75.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1935A STD, .25, .50, .75	CONROD	51.976/2.0463	55.000/2.1654	1.503/.0592	17.50/.689	F810	1935A IH
		52.000/2.0472	55.025/2.1663				
4M1933A STD, .25, .50, .75	MAINS 1,2,3,4	<i>To suit 69mm tunnel.</i>		2.505/.0986	20.00/.787	F810	1933A UL
		63.974/2.5187 64.000/2.5197	68.986/2.7160 69.000/2.7165				
1T1934 STD	THRUST	75.250/2.9626	93.750/3.6909		2.50/.098	F817	1934T IH
		75.500/2.9724	94.000/3.7008				

48 Engine		Year	Cyl	Bore x Stroke	48
E05A 547cc Inline3 SOHC 4v		12/1987 - 02/1990	L3	62.5mm x 59.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
3B1988A STD, .25, .50	CONROD		35.000/1.3780 35.020/1.3787	1.504/.0592	17.50/.689	F810	1988A IH
4M1989A STD, .25, .50	MAINS 1,2,3,4		44.000/1.7323 44.020/1.7331	2.009/.0791	19.00/.748	F810	1989A UL
1T1991 STD	THRUST		82.000/3.2283		2.50/.098	F817	1991T UL



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
6.0L Gen IV LS2 V8 OHV 2v	10/2004 - 04/2008	V8	5967	364	1
6.2L Gen IV LS3 V8 OHV 2v	01/2008 - On	V8	6162	376	2

1 Engine		Year		Cyl	Bore x Stroke	1	
6.0L Gen IV LS2 V8 OHV 2v		10/2004 - 04/2008		V8	101.6mm x 92.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B663A STD, 01, 10, 20, 30, 40		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F810	2376A IH
RACE SERIES 8B663H STD, 001, 009, 010, 011, 020	CONROD	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.572/.0619	21.25/.837	F781	2376H UL
RACE SERIES 8B663HD STD, 001, 010	CONROD	<i>Dowel hole in upper half.</i>		1.575/.0620	21.25/.837	F781	2376H U
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376HD L
RACE SERIES 8B663HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.559/.0614	21.25/.837	F781	2376HX UL
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252				
RACE SERIES 8B663HXD STD	CONROD	<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>		1.562/.0615	21.25/.837	F781	2376HX U
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HXD L
8B663P STD, 01, 10, 20, 30, 40	CONROD	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F780	2376 IH
MAINS							
5M7297A STD, 010, 020, 030, 040	1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	20.45/.805	F810	7298A UL
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	26.10/1.028	F810	7297A(F) UL
RACE SERIES 5M7297H STD, 001, 010, 020	1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	20.45/.805	F780	7298H UL
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	26.10/1.028	F780	7297H(F) UL
RACE SERIES 5M7297HX STD	1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.417/.0952	20.45/.805	F780	7298HX UL
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.417/.0952	26.10/1.028	F780	7297HX(F) UL
CAMS							
5C1001S STD	1,5	54.991/2.1650 55.042/2.1670	59.588/2.3460 59.639/2.3480	2.260/.0890	16.00/.630	F23	CH-23-1
	2,4	54.991/2.1650 55.042/2.1670	59.080/2.3260 59.131/2.3280	2.029/.0799	16.00/.630	F23	CH-10-1
	3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.778/.0700	16.00/.630	F23	CH-10-3

2 Engine		Year		Cyl	Bore x Stroke	2	
6.2L Gen IV LS3 V8 OHV 2v		01/2008 - On		V8	4.07in x 3.62in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 8B663H STD, 001, 009, 010, 011, 020	CONROD	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.572/.0619	21.25/.837	F781	2376H UL
RACE SERIES 8B663HD STD, 001, 010	CONROD	<i>Dowel hole in upper half.</i>		1.575/.0620	21.25/.837	F781	2376H U
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376HD L



2		Continued ...						2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>						
8B663HX STD		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.559/.0614	21.25/.837	F781	2376HX UL	
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>						
8B663HXD STD		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HX U	
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HXD L	
8B663P STD, 01, 10, 20, 30, 40	CONROD	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F780	2376 IH	
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
5M7297H STD, 001, 010, 020	1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	20.45/.805	F780	7298H UL	
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	26.10/1.028	F780	7297H(F) UL	
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
5M7297HX STD	1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.417/.0952	20.45/.805	F780	7298HX UL	
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.417/.0952	26.10/1.028	F780	7297HX(F) UL	
5C1001S STD	CAMS	<i>2nd design # 1 & 5 housing size of 2.3460"-2.3480".</i>						
	1,5	54.991/2.1650 55.042/2.1670	59.588/2.3460 59.639/2.3480	2.260/.0890	16.00/.630	F23	CH-23-1	
	2,4	54.991/2.1650 55.042/2.1670	59.080/2.3260 59.131/2.3280	2.029/.0799	16.00/.630	F23	CH-10-1	
	3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.778/.0700	16.00/.630	F23	CH-10-3	

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
G4HA (Epsilon) 798cc Inline4 SOHC 3v	01/1997 - On	L4	798	48	6
G4HC (Epsilon) 999cc Inline4 SOHC 3v	01/1997 - On	L4	999	60	6
G4HG (Epsilon) 1086cc Inline4 SOHC 3v	01/1997 - On	L4	1086	66	6
G4EA 1341cc Inline4 SOHC 3v	01/1993 - 12/2002	L4	1341	81	1
G4EH 1341cc Inline4 SOHC 3v	01/1993 - 12/2002	L4	1341	81	1
G4EE 1399cc Inline4 DOHC 4v	11/2005 - On	L4	1399	85	1
G4AJ 1468cc Inline4 SOHC 2v	02/1986 - 12/1994	L4	1468	89	11
G4DJ 1468cc Inline4 SOHC 3v	02/1990 - 10/1994	L4	1468	89	11
G4AE 1495cc Inline4 SOHC 3v	01/1994 - 12/1999	L4	1495	91	1
G4EB 1495cc Inline4 SOHC 3v	01/2000 - 12/2002	L4	1495	91	1
G4EC 1495cc Inline4 DOHC 4v	09/2000 - 10/2005	L4	1495	91	1
G4EK 1495cc Inline4 SOHC 3v	10/1992 - 02/1998	L4	1495	91	1
G4EKT 1495cc Inline4 SOHC Turbo 3v	10/1992 - 12/1995	L4	1495	91	1
G4FK 1495cc Inline4 DOHC 4v	01/1998 - 09/2000	L4	1495	91	1
G4FC (Gamma) 1591cc Inline4 DOHC 4v	01/2006 - 12/2012	L4	1591	97	9
G4CR 1596cc Inline4 DOHC 4v	01/1991 - 12/1992	L4	1596	97	8
G4ED 1599cc Inline4 DOHC 4v	08/2002 - 10/2005	L4	1599	97	1
G4CM 1795cc Inline4 DOHC 4v	01/1990 - 12/1995	L4	1795	109	5
G4GB 1795cc Inline4 DOHC 4v	10/2000 - On	L4	1795	109	5
G4GM 1795cc Inline4 DOHC 4v	08/1995 - 03/2002	L4	1795	109	5
G4DM 1796cc Inline4 16v	01/1996 - 12/1999	L4	1796	109	5
G4CN 1836cc Inline4 DOHC 4v	10/1992 - 08/1995	L4	1836	112	8
G4GC 1975cc Inline4 DOHC 4v	10/2000 - 12/2005	L4	1975	120	5
G4GF 1975cc Inline4 DOHC 4v	08/1996 - 03/2002	L4	1975	120	5
G4CP 1997cc Inline4 DOHC 4v	10/1993 - 05/1998	L4	1997	121	12
G4JP 1997cc Inline4 DOHC 4v	08/1998 - 09/2001	L4	1997	121	14
G4KF (Theta II) 1998cc Inline4 DOHC 4v Turbo	01/2009 - On	L4	1998	121	4
G4CS 2350cc Inline4 SOHC 2v	01/1989 - 10/1991	L4	2350	143	8
G4JS 2351cc Inline4 DOHC 4v	11/2000 - 06/2005	L4	2351	143	14
G4KC (Theta) 2359cc Inline4 DOHC 4v	01/2006 - On	L4	2359	143	10
D4B (H100) 2476cc Inline4 OHV 2v Diesel	01/1988 - On	L4	2476	151	13
G6BV V 2493cc V6 DOHC 4v	05/1998 - 04/2004	V6	2493	152	2
G6AV 2497cc V6 DOHC 4v	01/1992 - 12/1998	V6	2497	152	7
G6BA1 2656cc V6 DOHC 4v	03/2002 - On	V6	2656	162	2
G6BA3 2656cc V6 DOHC 4v	08/2004 - 02/2010	V6	2656	162	2
G6BAX 2656cc V6 DOHC 4v	07/2000 - 05/2009	V4	2656	162	2
G6BAY 2656cc V6 DOHC 4v	09/2001 - 05/2005	V4	2656	162	2
G6EAY 2656cc V6 DOHC 4v	11/2000 - On	V6	2656	162	2
G6AT 2972cc V6 SOHC 2v	01/1990 - 08/1998	V6	2972	181	7
G6CTX 2972cc V6 DOHC	10/1999 - 12/2002	V6	2972	181	7
D4AE 3298cc Inline4 OHV 2v Diesel	01/1987 - On	L4	3298	201	3
D4AL 3298cc Inline4 OHV 2v Diesel	01/1990 - On	L4	3298	201	3
G6CU 3497cc V6 DOHC 4v	11/2001 - 12/2008	V6	3497	213	15
D4D 3907cc Inline4 OHV 2v Diesel	01/1990 - On	L4	3907	238	3



1	Engine	Year	Cyl	Bore x Stroke	1
	G4AE 1495cc Inline4 SOHC 3v	01/1994 - 12/1999	L4	75.5mm x 83.5mm	
	G4EA 1341cc Inline4 SOHC 3v	01/1993 - 12/2002	L4	71.0mm x 83.5mm	
	G4EB 1495cc Inline4 SOHC 3v	01/2000 - 12/2002	L4	75.0mm x 83.0mm	
	G4EC 1495cc Inline4 DOHC 4v	09/2000 - 10/2005	L4	71.5mm x 83.5mm	
	G4ED 1599cc Inline4 DOHC 4v	08/2002 - 10/2005	L4	76.5mm x 87.0mm	
	G4EE 1399cc Inline4 DOHC 4v	11/2005 - On	L4	75.5mm x 78.1mm	
	G4EH 1341cc Inline4 SOHC 3v	01/1993 - 12/2002	L4	71.0mm x 83.5mm	
	G4EK 1495cc Inline4 SOHC 3v	10/1992 - 02/1998	L4	75.5mm x 83.5mm	
	G4EKT 1495cc Inline4 SOHC Turbo 3v	10/1992 - 12/1995	L4	75.5mm x 83.5mm	
	G4FK 1495cc Inline4 DOHC 4v	01/1998 - 09/2000	L4	75.5mm x 83.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1201A STD, .25, .50, .75		44.975/1.7707	48.000/1.8898	1.505/.0593	19.12/.753	F810	1201A
		44.990/1.7713	48.020/1.8905				IH
MAINS							
5M1202A STD, .25, .50, .75, 1.00	1,2,4,5	49.977/1.9676	54.000/2.1260	1.994/.0785	18.13/.714	F810	1202A
		49.992/1.9682	54.020/2.1268				UL
	3	49.977/1.9676	54.000/2.1260	1.994/.0785	22.95/.904	F810	1203A(F)
		49.992/1.9682	54.020/2.1268				UL
MAINS							
<i>This set has oversized flanges for undersizes: Std=Std, .25=Std+0.10, .50=Std+0.18, .75=Std+0.26, 1.00=Std+0.34. See 5M1202A for std width version.</i>							
5M1218A STD, .25, .50, .75, 1.00	1,2,4,5	49.977/1.9676	54.000/2.1260	1.994/.0785	18.13/.714	F810	1202A
		49.992/1.9682	54.020/2.1268				UL
	3	49.977/1.9676	54.000/2.1260	1.994/.0785	22.95/.904	F810	1218A(F)
		49.992/1.9682	54.020/2.1268				UL

2	Engine	Year	Cyl	Bore x Stroke	2
	G6BA1 2656cc V6 DOHC 4v	03/2002 - On	V6	86.7mm x 75.0mm	
	G6BA3 2656cc V6 DOHC 4v	08/2004 - 02/2010	V6	86.7mm x 75.0mm	
	G6BAX 2656cc V6 DOHC 4v	07/2000 - 05/2009	V4	86.7mm x 75.0mm	
	G6BAY 2656cc V6 DOHC 4v	09/2001 - 05/2005	V4	86.7mm x 75.0mm	
	G6BV V 2493cc V6 DOHC 4v	05/1998 - 04/2004	V6	84.0mm x 75.0mm	
	G6EAY 2656cc V6 DOHC 4v	11/2000 - On	V6	86.7mm x 75.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1210A STD, .25, .50, .75		47.982/1.8891	51.000/2.0079	1.495/.0589	15.00/.591	F810	1210A
		48.000/1.8898	51.020/2.0087				IH
MAINS							
4M1215A STD, .25, .50, .75	1,2,3,4	61.982/2.4402	66.020/2.5992	2.003/.0789	17.00/.669	F810	1215A
		62.000/2.4409	66.020/2.5992				UL
THRUST							
2T1215 STD		68.250/2.6870	79.600/3.1339		1.95/.077	F817	1215T
		68.500/2.6968	79.850/3.1437				UL

3	Engine	Year	Cyl	Bore x Stroke	3
	D4AE 3298cc Inline4 OHV 2v Diesel	01/1987 - On	L4	100.0mm x 105.0mm	
	D4AL 3298cc Inline4 OHV 2v Diesel	01/1990 - On	L4	100.0mm x 105.0mm	
	D4D 3907cc Inline4 OHV 2v Diesel	01/1990 - On	L4	104.0mm x 115.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1191P STD, .25, .50, .75, 1.00		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1191
		59.964/2.3608	64.018/2.5204				U
		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1536
		59.964/2.3608	64.018/2.5204				L
MAINS							
<i>Slot opposite notch in the upper shell, plain lower.</i>							
5M1198P STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	77.936/3.0683	82.000/3.2283	2.007/.0790	27.13/1.068	F780	1198
		77.950/3.0689	82.022/3.2292				UL

3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

THRUST		103.50mm O.D.					
3T1199 STD		85.500/3.3661	103.250/4.0650		2.45/.096	F250	1199T IH
		85.750/3.3760	103.500/4.0748				

4 Engine		Year	Cyl	Bore x Stroke	4		
G4KF (Theta II) 1998cc Inline4 DOHC 4v Turbo		01/2009 - On	L4	86.0mm x 86.0mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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RACE SERIES 4B1293H Std, .025, .25	CONROD	47.954/1.8879	51.000/2.0079	1.513/.0596	17.00/.669	F781	1293H IH
		47.972/1.8887	51.018/2.0086				

RACE SERIES 4B1293HX Std	CONROD	0.001" extra oil clearance on STD journal.					
		47.954/1.8879	51.000/2.0079	1.500/.0591	17.00/.669	F781	1293HX IH
		47.792/1.8816	51.018/2.0086				

RACE SERIES 5M1295H Std, .025, .25	MAINS 1,2,3,4,5	51.942/2.0450	56.000/2.2047	2.022/.0796	18.00/.709	F780	1295H UL
		51.960/2.0457	56.018/2.2054				

RACE SERIES 5M1295HX Std	MAINS 1,2,3,4,5	51.942/2.0450	56.000/2.2047	2.009/.0791	18.00/.709	F780	1295HX UL
		51.960/2.0457	56.018/2.2054				

5 Engine		Year	Cyl	Bore x Stroke	5		
G4CM 1795cc Inline4 DOHC 4v		01/1990 - 12/1995	L4	80.0mm x 88.0mm			
G4DM 1796cc Inline4 16v		01/1996 - 12/1999	L4	82.0mm x 85.0mm			
G4GB 1795cc Inline4 DOHC 4v		10/2000 - On	L4	82.0mm x 85.0mm			
G4GC 1975cc Inline4 DOHC 4v		10/2000 - 12/2005	L4	82.0mm x 93.5mm			
G4GF 1975cc Inline4 DOHC 4v		08/1996 - 03/2002	L4	82.0mm x 93.5mm			
G4GM 1795cc Inline4 DOHC 4v		08/1995 - 03/2002	L4	82.0mm x 85.0mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B1206A STD, .25, .50, .75, 1.00	CONROD	44.975/1.7707	48.003/1.8899	1.498/.0590	21.00/.827	F810	1206A IH
		44.990/1.7713	48.016/1.8904				

5M1204A STD, .25, .50	MAINS 1,2,4,5, 3	56.977/2.2432	61.000/2.4016	1.994/.0785	21.00/.827	F810	1204A UL
		56.992/2.2438	61.020/2.4024				1205A UL
		56.977/2.2432	61.000/2.4016	1.994/.0785	21.00/.827	F810	1205A IH
		56.992/2.2438	61.020/2.4024				

1T1204 STD	THRUST	63.000/2.4803	84.500/3.3268		2.47/.097	F817	1204T IH
		63.250/2.4902	84.750/3.3366				

6 Engine		Year	Cyl	Bore x Stroke	6		
G4HA (Epsilon) 798cc Inline4 SOHC 3v		01/1997 - On	L4	63.0mm x 64.0mm			
G4HC (Epsilon) 999cc Inline4 SOHC 3v		01/1997 - On	L4	66.0mm x 73.0mm			
G4HG (Epsilon) 1086cc Inline4 SOHC 3v		01/1997 - On	L4	67.0mm x 77.0mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B1256A STD, .25, .50, .75, 1.0, 1.25,	CONROD		41.000/1.6142	1.495/.0589	14.60/.575	F810	1256A IH
			41.020/1.6150				

5M1258A STD, .25, .50, .75, 1.0, 1.25,	MAINS 1,2,3,4,5	Fully grooved set.					
			46.000/1.8110	2.000/.0787	16.10/.634	F810	1258A IH
			46.018/1.8117				

5M1258A+2T STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	Fully grooved set. This set includes thrustwasher set 1T1258.					
		47.000/1.8504	58.250/2.2933		2.47/.097	F817	1258T IH
		47.250/1.8602	58.500/2.3031				
			46.000/1.8110	2.000/.0787	16.10/.634	F810	1258A IH
			46.018/1.8117				



6 Continued ...							6	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1259A STD, .25, .50, .75, 1.0, 1.25	MAINS	<i>Half Groove Set</i>						
	1,2,3,4,5		46.000/1.8110 46.018/1.8117	2.000/.0787	16.10/.634	F810	1259A L	
	1,2,3,4,5		46.000/1.8110 46.018/1.8117	2.000/.0787	16.10/.634	F810	1258A U	
5M1259A+2T STD, .25, .50, .75, 1.00	MAINS	<i>Half groove set. This set includes thrustwasher set 1T1258.</i>						
		47.000/1.8504 47.250/1.8602	58.250/2.2933 58.500/2.3031		2.47/.097	F817	1258T IH	
	1,2,3,4,5		46.000/1.8110 46.018/1.8117	2.000/.0787	16.10/.634	F810	1259A L	
	1,2,3,4,5		46.000/1.8110 46.018/1.8117	2.000/.0787	16.10/.634	F810	1258A U	
1T1258 STD, .10, .25	THRUST	47.000/1.8504 47.250/1.8602	58.250/2.2933 58.500/2.3031		2.47/.097	F817	1258T IH	

7 Engine				Year	Cyl	Bore x Stroke	7
G6AT 2972cc V6 SOHC 2v				01/1990 - 08/1998	V6	91.1mm x 76.0mm	
G6AV 2497cc V6 DOHC 4v				01/1992 - 12/1998	V6	83.5mm x 76.0mm	
G6CTX 2972cc V6 DOHC				10/1999 - 12/2002	V6	91.0mm x 76.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1140A STD, .25, .50, .75, 1.00	CONROD	49.980/1.9677 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.491/.0587	15.50/.610	F810	1140A IH
RACE SERIES 6B1140H STD, .025, .25	CONROD	49.980/1.9677 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.491/.0587	15.50/.610	F781	1140H IH
RACE SERIES 6B1140HX STD	CONROD	49.980/1.9677 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.478/.0582	15.50/.610	F781	1140HX IH
4M1149A STD, .25, .50, .75, 1.00	MAINS	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.991/.0784	18.13/.714	F810	1149A UL
RACE SERIES 4M1149H STD, .025, .25	MAINS	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.988/.0783	18.13/.714	F780	1149H UL
RACE SERIES 4M1149HX STD	MAINS	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.975/.0778	18.13/.714	F780	1149HX UL
2T1149 STD	THRUST	66.250/2.6083 66.500/2.6181	77.450/3.0492 77.700/3.0590		1.98/.078	F817	1149T UL

8 Engine				Year	Cyl	Bore x Stroke	8
G4CN 1836cc Inline4 DOHC 4v				10/1992 - 08/1995	L4	81.5mm x 88.0mm	
G4CR 1596cc Inline4 DOHC 4v				01/1991 - 12/1992	L4	82.3mm x 75.0mm	
G4CS 2350cc Inline4 SOHC 2v				01/1989 - 10/1991	L4	86.5mm x 100.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1146A STD, .25, .50, .75, 1.00, 1.25	CONROD	<i>23.5 mm wide.</i>					
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH
RACE SERIES 4B1146H STD, .025, .25	CONROD	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.489/.0586	23.50/.925	F781	1146H IH
RACE SERIES 4B1146HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH

8 Continued ...							8	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
MAINS		<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>						
5M1144A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH	
	RACE SERIES		<i>Standard width flanges for all undersizes.</i>					
	5M1144H STD, .025, .25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1144H L
3		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH	
RACE SERIES		<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>						
5M1144HX STD		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH	
	MAINS		<i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>					
	5M1217A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L
3		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1217A(F) IH	
BALANCE								
3BS8389 STD, .25, .50		LH/REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
		RH/FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387
	RH/REAR		44.025/1.7333	1.495/.0589	21.25/.837	F820	8389	
			40.967/1.6129 40.967/1.6129	44.025/1.7333 44.025/1.7333				

9 Engine	Year	Cyl	Bore x Stroke	9
G4FC (Gamma) 1591cc Inline4 DOHC 4v	01/2006 - 12/2012	L4	77.0mm x 85.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8593A STD, .25, .50, .75, 1.00				1.513/.0596	14.30/.563	F810	8593A IH
	MAINS						
5M8594A STD, .25, .50, .75, 1.00	1,2,3,4,5			2.015/.0793	16.00/.630	F810	8594A

10 Engine	Year	Cyl	Bore x Stroke	10
G4KC (Theta) 2359cc Inline4 DOHC 4v	01/2006 - On	L4	88.0mm x 97.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8595A STD, .25, .50, .75, 1.00		47.954/1.8879 47.972/1.8887	51.000/2.0079 51.018/2.0086	1.502/.0591	17.00/.669	F810	8595A IH
	MAINS						
5M8596A STD, .25, .50	1,2,3,4,5	51.942/2.0450 51.960/2.0457	56.000/2.2047 56.018/2.2054	2.015/.0793	18.10/.713	F810	8596A UL



11 Engine		Year	Cyl	Bore x Stroke	11		
G4AJ 1468cc Inline4 SOHC 2v		02/1986 - 12/1994	L4	75.5mm x 82.0mm			
G4DJ 1468cc Inline4 SOHC 3v		02/1990 - 10/1994	L4	75.5mm x 82.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD 15.5mm wide.							
4B1130A STD, .25, .50, .75, 1.00, 1.25		41.981/1.6528	45.000/1.7717	1.493/.0588	15.65/.616	F810	1130A IH
		42.000/1.6535	45.020/1.7724				
CONROD 17.6mm wide.							
4B1736A STD, .25, .50, .75, 1.00		41.980/1.6528	45.000/1.7717	1.493/.0588	17.63/.694	F810	1736A IH
		42.000/1.6535	45.020/1.7724				
MAINS Half groove.							
5M1124A STD, .25, .50, .75, 1.00	1,2,4,5	47.981/1.8890	52.000/2.0472	1.990/.0783	19.13/.753	F810	1124A UL
		48.000/1.8898	52.020/2.0480				
	3	47.980/1.8890	52.000/2.0472				
		48.000/1.8898	52.020/2.0480	1.990/.0783	23.95/.943	F810	1125A(F) IH
12 Engine		Year	Cyl	Bore x Stroke	12		
G4CP 1997cc Inline4 DOHC 4v		10/1993 - 05/1998	L4	85.0mm x 88.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD 21mm wide.							
4B1185A STD, .25, .50, .75, 1.00		44.981/1.7709	47.998/1.8897	1.490/.0587	21.10/.831	F810	1185A IH
		44.996/1.7715	48.019/1.8905				
CONROD							
RACE SERIES 4B1185H STD, .025, .25		44.981/1.7709	47.998/1.8897	1.488/.0586	21.10/.831	F781	1185H IH
		44.996/1.7715	48.019/1.8905				
CONROD 0.001" extra oil clearance on STD journal.							
RACE SERIES 4B1185HX STD		44.981/1.7709	47.998/1.8897	1.475/.0581	21.10/.831	F781	1185HX IH
		44.996/1.7715	48.019/1.8905				
MAINS Plain mains are 21mm wide, flanges are 25.4mm wide. Standard width flanges for all undersizes.							
5M1186A STD, .25, .50, .75, 1.00	1,2,4,5.	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A UL
		57.000/2.2441	61.021/2.4024				
	3	56.985/2.2435	61.000/2.4016				
		57.000/2.2441	61.021/2.4024	1.990/.0783	25.40/1.000	F810	1187A(F) IH
MAINS							
RACE SERIES 5M1186H STD, .025, .25	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F780	1186H UL
		57.000/2.2441	61.021/2.4024				
	3	56.985/2.2435	61.000/2.4016				
		57.000/2.2441	61.021/2.4024	1.990/.0783	25.40/1.000	F780	1187H(F) IH
MAINS 0.001" extra oil clearance on STD journal.							
RACE SERIES 5M1186HX STD	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F780	1186HX UL
		57.000/2.2441	61.021/2.4024				
	3	56.985/2.2435	61.000/2.4016				
		57.000/2.2441	61.021/2.4024	1.977/.0778	25.40/1.000	F780	1187HX(F) IH
MAINS Alternative to 5M1186A with oversize flanges. Overwidth flanges for undersizes: 0.25/0.50/0.75/1.00mm=Std+0.254mm.							
5M1213A .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A UL
		57.000/2.2441	61.021/2.4024				
	3	56.985/2.2435	61.000/2.4016				
		57.000/2.2441	61.021/2.4024	2.115/.0833	25.65/1.010	F810	1213A(F) IH
BALANCE							
3BS8389 STD, .25, .50	LH/REAR		44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
			44.025/1.7333				
		RH/FRONT		45.025/1.7726	1.505/.0593	19.25/.758	F820
			45.025/1.7726				
	RH/REAR	40.967/1.6129	44.025/1.7333	1.495/.0589	21.25/.837	F820	8389
		40.967/1.6129	44.025/1.7333				

13 Engine		Year		Cyl	Bore x Stroke	13	
D4B (H100) 2476cc Inline4 OHV 2v Diesel		01/1988 - On		L4	91.50in x 95.00in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1250A STD, .25, .50, .75, 1.00		52.973/2.0855	56.007/2.2050	1.496/.0589	25.13/.989	F810	1250A
		53.000/2.0866	56.021/2.2055				IH
MAINS							
5M1252A STD, .25, .50, .75, 1.00	1,2,4,5	65.979/2.5976	70.000/2.7559	1.990/.0783	25.13/.989	F810	1252A
		66.000/2.5984	70.021/2.7567				L
	1,2,4,5	65.979/2.5976	70.000/2.7559	1.990/.0783	25.13/.989	F810	1137A
		66.000/2.5984	70.021/2.7567				U
	3	65.979/2.5976	70.000/2.7559	1.987/.0782	30.95/1.219	F810	1253A(F)
		66.000/2.5984	70.021/2.7567				UL
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4091 UNB		28.994/1.1415	32.000/1.2598	1.740/.0685	31.90/1.256	F100	4RB4091
		29.000/1.1417	32.020/1.2606				

14 Engine		Year		Cyl	Bore x Stroke	14	
G4JP 1997cc Inline4 DOHC 4v		08/1998 - 09/2001		L4	85.0mm x 88.0mm		
G4JS 2351cc Inline4 DOHC 4v		11/2000 - 06/2005		L4	86.5mm x 100.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>21mm wide.</i>							
4B1185A STD, .25, .50, .75, 1.00		44.981/1.7709	47.998/1.8897	1.490/.0587	21.10/.831	F810	1185A
		44.996/1.7715	48.019/1.8905				IH
RACE SERIES							
4B1185H STD, .025, .25		44.981/1.7709	47.998/1.8897	1.488/.0586	21.10/.831	F781	1185H
		44.996/1.7715	48.019/1.8905				IH
RACE SERIES							
4B1185HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.475/.0581	21.10/.831	F781	1185HX
		44.981/1.7709	47.998/1.8897				
		44.996/1.7715	48.019/1.8905				IH
MAINS <i>For use in engines requiring separate thrust washers.</i>							
5M1219A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A
		57.000/2.2441	61.021/2.4024				UL
THRUST <i>For use with 5M1219 set.</i>							
1T1219 STD		63.100/2.4842	80.500/3.1693		2.11/.083	F250	1219T
		63.350/2.4941	80.750/3.1791				IH

15 Engine		Year		Cyl	Bore x Stroke	15	
G6CU 3497cc V6 DOHC 4v		11/2001 - 12/2008		V6	93.0mm x 85.8mm		
<i>V-formation (60 degrees).</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1180A STD, .25, .50, .75, 1.00		54.981/2.1646	58.001/2.2835	1.495/.0589	15.50/.610	F810	1180A
		54.999/2.1653	58.019/2.2842				IH
MAINS							
4M1183A STD, .25, .50, .75, 1.00	1,2,3,4	63.983/2.5190	68.000/2.6772	1.995/.0785	17.12/.674	F810	1183A
		64.000/2.5197	68.018/2.6779				UL
THRUST							
1T1183 STD		70.100/2.7598	94.250/3.7106		1.96/.077	F817	1183T
		70.350/2.7697	94.500/3.7205				IH



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
G130 1325cc Inline4 OHV 2v	12/1966 - 12/1972	L4	1325	80	33
4XCI 1471cc Inline4 SOHC 2v	03/1985 - On	L4	1471	89	19
4XCI-T 1471cc Inline4 SOHC 2v Turbo	04/1986 - 12/1991	L4	1471	89	19
G150 1471cc Inline4 OHV 2v	12/1966 - 01/1970	L4	1471	89	33
4EC1 1487cc Inline4 OHV 2v Diesel	04/1985 - 02/1990	L4	1487	90	25
4EC1-T 1487cc Inline4 OHV 2v Turbo Diesel	04/1985 - 02/1990	L4	1487	90	26
4FA1 1487cc Inline4 SOHC 2v Diesel	01/1981 - 12/1989	L4	1487	90	4
4FA1-T 1487cc Inline4 SOHC 2v Turbo Diesel	01/1981 - 12/1989	L4	1487	90	4
4JF1 1496cc Inline4 OHV 2v Diesel	04/1986 - On	L4	1496	91	10
4FE1 1499cc Inline4 SOHC 2v Diesel	05/1985 - On	L4	1499	91	4
4FE1-T 1499cc Inline4 SOHC 2v Turbo Diesel	05/1985 - On	L4	1499	91	4
4ZA1 1584cc Inline4 SOHC 2v	01/1981 - On	L4	1584	96	38
G160 1584cc Inline4 OHV 2v	01/1972 - 12/1979	L4	1584	96	33
G161 1584cc Inline4 OHV 2v	01/1980 - 12/1984	L4	1584	96	34
G161 1584cc Inline4 SOHC 2v	12/1969 - 12/1974	L4	1584	96	5
G161SS 1584cc Inline4 SOHC 2v	12/1966 - 12/1968	L4	1584	96	5
G161W 1584cc Inline4 DOHC 2v	12/1969 - 12/1979	L4	1584	96	5
G161Z 1584cc Inline4 SOHC 2v	01/1975 - 12/1986	L4	1584	96	5
4XE1 1588cc Inline4 SOHC 3v	01/1988 - 12/1993	L4	1588	96	8
4XE1-T 1588cc Inline4 DOHC 4v Turbo	01/1991 - 12/1992	L4	1588	96	7
4EE1 1686cc Inline4 OHV 2v Diesel	02/1990 - 03/1993	L4	1686	102	27
4EE1-T 1686cc Inline4 OHV 2v Turbo Diesel	02/1990 - 03/1993	L4	1686	102	27
4FB1 1817cc Inline4 SOHC 2v Diesel	01/1979 - 05/1986	L4	1817	110	4
4FB1-T 1817cc Inline4 SOHC 2v Turbo Diesel	01/1982 - 05/1986	L4	1817	110	2
4ZB1 1817cc Inline4 SOHC 2v	03/1981 - 06/1990	L4	1817	110	38
G180W 1817cc Inline4 SOHC 2v	01/1982 - On	L4	1817	110	14
G180Z 1817cc Inline4 SOHC 2v	01/1969 - 07/1987	L4	1817	110	5
4JE1 1862cc Inline4 OHV 2v Diesel	01/1987 - On	L4	1862	113	10
G200W 1949cc Inline4 DOHC 2v	01/1979 - 12/1990	L4	1949	118	13
G200Z 1949cc Inline4 SOHC 2v	01/1979 - 12/1990	L4	1949	118	35
C190 1951cc Inline4 OHV 2v Diesel	01/1970 - 05/1988	L4	1951	119	44
G201 1951cc Inline4 SOHC 2v	01/1968 - 12/1979	L4	1951	119	36
4ZC1 1994cc Inline4 SOHC 2v	01/1986 - 12/1989	L4	1994	121	38
4FC1 1995cc Inline4 SOHC 2v Diesel	01/1980 - 06/1990	L4	1995	121	4
4FC1-T 1995cc Inline4 SOHC 2v Turbo Diesel	08/1983 - 12/1991	L4	1995	121	2
4JD1 2039cc Inline4 OHV 2v Diesel	01/1987 - On	L4	2039	124	10
4LE1 2179cc Inline4 OHV 2v Diesel	01/1990 - On	L4	2179	132	16
4LE2 2179cc Inline4 OHV 2v Diesel	01/1990 - On	L4	2179	132	17
4FD1 2189cc Inline4 SOHC 2v Diesel	03/1983 - 11/1988	L4	2189	133	2
C22NE 2198cc Inline4 SOHC 2v	01/2004 - On	L4	2198	134	9
C221 2207cc Inline4 SOHC 2v Diesel	12/1968 - 07/1979	L4	2207	134	45
4JC1 2238cc Inline4 OHV 2v Diesel	01/1984 - On	L4	2238	136	10
C223 2238cc Inline4 OHV 2v Diesel	12/1979 - 05/1990	L4	2238	136	47
C223-T 2238cc Inline4 OHV 2v Turbo Diesel	01/1984 - 12/1996	L4	2238	136	46
D201 2238cc Inline4 2v Diesel	01/1985 - 08/1988	L4	2238	136	10
4ZD1 2254cc Inline4 SOHC 2v	05/1984 - 01/1995	L4	2254	137	38
C240 2369cc Inline4 OHV 2v Diesel	12/1968 - 12/1988	L4	2369	144	48
4FG1 2380cc Inline4 SOHC 2v Diesel	11/1989 - 06/1990	L4	2380	145	2
4JA1 2499cc Inline4 OHV 2v Diesel	05/1984 - 01/1993	L4	2499	152	10
4ZE1 2559cc Inline4 SOHC 2v	08/1987 - 03/2003	L4	2559	156	39
4JB1 2771cc Inline4 OHV 2v Diesel	01/1984 - 01/1997	L4	2771	169	29
4JB1-T 2771cc Inline4 OHV 2v Turbo Diesel	10/1986 - 02/2003	L4	2771	169	30
4BA1 2775cc Inline4 OHV 2v Diesel	01/1971 - 05/1988	L4	2775	169	32
4JH1TC 2999cc Inline4 2v T/Diesel	12/2001 - On	L4	2999	183	18
4JJ1-TC 2999cc Inline4 DOHC 4v Turbo Diesel	10/2004 - On	L4	2999	183	6
4JG2 TC 3059cc Inline4 OHV 2v Turbo Diesel	01/1992 - 12/1998	L4	3059	186	30
6VD1 3165cc V6 DOHC 4v	04/1992 - 12/2003	V6	3165	193	43
6VD1 3165cc V6 SOHC 4v	04/1992 - 12/1997	V6	3165	193	43

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
4BC1 3268cc Inline4 OHV 2v Diesel	12/1978 - 06/1984	L4	3268	199	20
4BC2 3268cc Inline4 OHV 2v Diesel	02/1980 - 04/1990	L4	3268	199	21
C330 3318cc Inline4 SOHC 2v Diesel	12/1970 - 12/1988	L4	3318	202	49
6VE1 3494cc V6 DOHC 4v	02/1998 - 12/2005	V6	3494	213	43
4BB1 3595cc Inline4 OHV 2v Diesel	01/1971 - 12/1989	L4	3595	219	31
4BE1 3636cc Inline4 OHV 2v Diesel	01/1985 - 04/1998	L4	3636	221	24
4BE2 3636cc Inline4 OHV 2v Diesel	06/1986 - 04/1998	L4	3636	221	24
4BD1 3856cc Inline4 OHV 2v Diesel	12/1978 - 12/1993	L4	3856	235	23
4BD1T 3856cc Inline4 OHV 2v Turbo Diesel	02/1980 - 12/1993	L4	3856	235	22
4BD2 3856cc Inline4 OHV 2v Diesel	01/1993 - 12/1999	L4	3856	235	3
4BG1 4329cc Inline4 OHV 2v Diesel	06/1986 - 12/1993	L4	4329	264	3
4HF1 4334cc Inline4 SOHC 2v Diesel	01/1994 - 09/2000	L4	4334	264	28
4HG1 4570cc Inline4 SOHC 2v Diesel	10/2000 - On	L4	4570	278	52
4HE1-T 4751cc Inline4 SOHC 2v Turbo Diesel	05/1990 - On	L4	4751	289	53
D500 4978cc Inline6 SOHC 2v Diesel	12/1970 - 12/1988	L6	4978	303	50
D500-T 4978cc Inline6 SOHC 2v Turbo Diesel	01/1971 - 12/1977	L6	4978	303	12
4HJ1 4985cc Inline4 SOHC 2v Diesel	01/1990 - On	L4	4985	304	1
4HK1-T 5193cc Inline4 SOHC 2v Turbo Diesel	01/2005 - On	L4	5193	316	15
6BB1 5393cc Inline6 OHV 2v Diesel	06/1972 - 01/1984	L6	5393	329	40
6BD1 5785cc Inline6 OHV 2v Diesel	07/1975 - 12/1989	L6	5785	353	41
6BD1-T 5785cc Inline6 OHV 2v Turbo Diesel	01/1978 - 12/1989	L6	5785	353	42
6BF1 6130cc Inline6 SOHC 2v Diesel	10/1979 - 12/1988	L6	6130	374	51
6BF1-T 6130cc Inline6 OHV 2v Turbo Diesel	10/1979 - 12/1988	L6	6130	374	42
6BG1 6494cc Inline6 OHV 2v Diesel	01/1984 - On	L6	6494	396	37
6BG1-T 6494cc Inline6 OHV 2v Diesel	05/1985 - On	L6	6494	396	37
6HE1 7127cc Inline6 SOHC Diesel	01/1992 - 12/1998	L6	7127	434	54
6HE1-T 7127cc Inline6 SOHC Turbo Diesel	01/1990 - On	L6	7127	434	11
6HK1-T 7785cc Inline6 SOHC 4v Turbo Diesel	01/1990 - On	L6	7785	475	11
6HH1 8226cc Inline6 SOHC Diesel	01/1998 - On	L6	8226	501	54



1 Engine		Year		Cyl	Bore x Stroke		1
4HJ1 4985cc Inline4 SOHC 2v Diesel		01/1990 - On		L4	115.0mm x 120.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1836P STD, .25, .50, .75, 1.00, 1.25		65.902/2.5946	69.985/2.7553	2.013/.0793	30.40/1.197	F780	1836 IH
		65.922/2.5953	70.000/2.7559				
MAINS							
5M1837A STD, .25, .50, .75, 1.00	1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F810	1837A UL
		81.925/3.2254	87.019/3.4259				
MAINS							
5M1837P STD, .25, .50, .75, 1.00	1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F780	1837 UL
		81.925/3.2254	87.019/3.4259				
THRUST							
3T1837 STD		92.700/3.6496	109.750/4.3209		3.00/.118	F817	1837T U
		92.950/3.6594	110.000/4.3307				
		92.700/3.6496	109.750/4.3209				
		92.950/3.6594	110.000/4.3307				
CAMS							
5C8555A STD	1		43.000/1.6929	1.449/.0570	16.13/.635	F820	8556A L
			43.020/1.6937				
	1		43.000/1.6929	1.539/.0606	16.13/.635	F820	8555A U
			43.020/1.6937				
	2,3,4,5		43.000/1.6929	1.500/.0591	16.13/.635	F820	8557A IH
		43.020/1.6937					
PISTON PIN BUSH <i>Tapered bush. Set of 4.</i>							
4RB4291 UNB		35.990/1.4169	40.000/1.5748	2.040/.0803	41.00/1.614	F100	4RB4291
		36.000/1.4173	40.020/1.5756				
PISTON PIN BUSH <i>Tapered bush.</i>							
RB4291 UNB		35.990/1.4169	40.000/1.5748	2.040/.0803	41.00/1.614	F100	RB4291
		36.000/1.4173	40.020/1.5756				

2 Engine		Year		Cyl	Bore x Stroke		2
4FB1-T 1817cc Inline4 SOHC 2v Turbo Diesel		01/1982 - 05/1986		L4	84.0mm x 82.0mm		
4FC1-T 1995cc Inline4 SOHC 2v Turbo Diesel		08/1983 - 12/1991		L4	84.0mm x 90.0mm		
4FD1 2189cc Inline4 SOHC 2v Diesel		03/1983 - 11/1988		L4	88.0mm x 90.0mm		
4FG1 2380cc Inline4 SOHC 2v Diesel		11/1989 - 06/1990		L4	89.3mm x 95.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1881A STD, .25, .50, .75, 1.00		48.924/1.9261	51.972/2.0461	1.510/.0594	22.00/.866	F810	1881A IH
		48.937/1.9266	51.985/2.0466				
MAINS							
5M1883A STD, .25, .50, .75, 1.00	1,2,3,4,5	55.919/2.2015	59.980/2.3614	2.011/.0792	21.75/.856	F810	1882A U
		55.932/2.2020	60.000/2.3622				
	1,2,4,5	55.919/2.2015	59.980/2.3614	2.011/.0792	21.75/.856	F810	1882A L
		55.932/2.2020	60.000/2.3622				
	3	55.919/2.2015	59.980/2.3614	2.011/.0792	21.75/.856	F810	1883A L
	55.932/2.2020	60.000/2.3622					
THRUST							
1T1824 STD		63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
		64.000/2.5197	80.188/3.1570				
CAMS							
5C8083 STD	1,2,3,4,5	27.962/1.1009	31.000/1.2205	1.500/.0591	16.13/.635	F23	8083
		27.975/1.1014	31.025/1.2215				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4290 UNB			30.000/1.1811	1.540/.0606	26.75/1.053	F100	4RB4290
			30.025/1.1821				
PISTON PIN BUSH							
RB4290 UNB			30.000/1.1811	1.540/.0606	26.75/1.053	F100	RB4290
			30.025/1.1821				

3	Engine	Year	Cyl	Bore x Stroke	3
	4BD2 3856cc Inline4 OHV 2v Diesel	01/1993 - 12/1999	L4	102.0mm x 118.0mm	
	4BG1 4329cc Inline4 OHV 2v Diesel	06/1986 - 12/1993	L4	105.0mm x 125.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1886P STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886 IH
		63.944/2.5175	68.015/2.6778				
MAINS <i>Suits from 04/86 on.</i>							
5M1844A STD, .25, .50	1,2,4,5	79.910/3.1461	85.000/3.3465	2.516/.0991	26.73/1.052	F810	1844A UL
		79.920/3.1465	85.020/3.3472				
	3	79.910/3.1461	85.000/3.3465	2.516/.0991	26.73/1.052	F810	1845A UL
		79.920/3.1465	85.020/3.3472				
THRUST <i>Inside diameter is 88mm.</i>							
2T1889 STD		88.000/3.4646	100.750/3.9665		2.50/.098	F250	1889T UL
		88.250/3.4744	101.000/3.9764				
CAMS							
3C8081 STD	1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082
		55.970/2.2035	60.046/2.3640				
	2,3	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
		55.970/2.2035	60.046/2.3640				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4073 UNB		34.995/1.3778	38.000/1.4961	1.530/.0602	38.00/1.496	F100	4RB4073
		35.000/1.3780	38.025/1.4970				
PISTON PIN BUSH							
RB4073 UNB		34.995/1.3778	38.000/1.4961	1.530/.0602	38.00/1.496	F100	RB4073
		35.000/1.3780	38.025/1.4970				

4	Engine	Year	Cyl	Bore x Stroke	4
	4FA1 1487cc Inline4 SOHC 2v Diesel	01/1981 - 12/1989	L4	76.0mm x 82.0mm	
	4FA1-T 1487cc Inline4 SOHC 2v Turbo Diesel	01/1981 - 12/1989	L4	76.0mm x 82.0mm	
	4FB1 1817cc Inline4 SOHC 2v Diesel	01/1979 - 05/1986	L4	84.0mm x 82.0mm	
	4FC1 1995cc Inline4 SOHC 2v Diesel	01/1980 - 06/1990	L4	84.0mm x 90.0mm	
	4FE1 1499cc Inline4 SOHC 2v Diesel	05/1985 - On	L4	76.3mm x 82.0mm	
	4FE1-T 1499cc Inline4 SOHC 2v Turbo Diesel	05/1985 - On	L4	76.3mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1881A STD, .25, .50, .75, 1.00		48.924/1.9261	51.972/2.0461	1.510/.0594	22.00/.866	F810	1881A IH
		48.937/1.9266	51.985/2.0466				
MAINS							
5M1883A STD, .25, .50, .75, 1.00	1,2,3,4,5	55.919/2.2015	59.980/2.3614	2.011/.0792	21.75/.856	F810	1882A U
		55.932/2.2020	60.000/2.3622				
	1,2,4,5	55.919/2.2015	59.980/2.3614	2.011/.0792	21.75/.856	F810	1882A L
		55.932/2.2020	60.000/2.3622				
	3	55.919/2.2015	59.980/2.3614	2.011/.0792	21.75/.856	F810	1883A L
		55.932/2.2020	60.000/2.3622				
THRUST							
1T1824 STD		63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
		64.000/2.5197	80.188/3.1570				
CAMS							
5C8083 STD	1,2,3,4,5	27.962/1.1009	31.000/1.2205	1.500/.0591	16.13/.635	F23	8083
		27.975/1.1014	31.025/1.2215				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4072 UNB			28.000/1.1024	1.530/.0602	26.75/1.053	F100	4RB4072
			28.025/1.1033				
PISTON PIN BUSH							
RB4072 UNB			28.025/1.1033	1.530/.0602	26.75/1.053	F100	RB4072
			28.025/1.1033				



5	Engine	Year	Cyl	Bore x Stroke	5
	G161 1584cc Inline4 SOHC 2v	12/1969 - 12/1974	L4	82.0mm x 75.0mm	
	G161SS 1584cc Inline4 SOHC 2v	12/1966 - 12/1968	L4	82.0mm x 75.0mm	
	G161W 1584cc Inline4 DOHC 2v	12/1969 - 12/1979	L4	82.0mm x 75.0mm	
	G161Z 1584cc Inline4 SOHC 2v	01/1975 - 12/1986	L4	82.0mm x 75.0mm	
	G180Z 1817cc Inline4 SOHC 2v	01/1969 - 07/1987	L4	84.0mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Small oil hole, notch end. To be superceded by 4B2821A.</i>							
4B2816A STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.985/2.0466	1.513/.0596	22.09/.870	F810	2816A IH
		48.940/1.9268	52.000/2.0472				
CONROD <i>Partial groove and oil hole at notch end.</i>							
4B2821A STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.987/2.0467	1.513/.0596	22.00/.866	F810	2821A IH
		48.940/1.9268	52.000/2.0472				
MAINS							
5M2817A STD, .25, .50, .75, 1.00, 1.25	1,3,5	55.920/2.2016	58.980/2.3220	1.513/.0596	32.13/1.265	F810	2817A IH
		55.935/2.2022	59.000/2.3228				
	2,4	55.920/2.2016	58.980/2.3220	1.513/.0596	21.08/.830	F810	2818A IH
		55.935/2.2022	59.000/2.3228				
THRUST							
1T1824 STD		63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
		64.000/2.5197	80.188/3.1570				
THRUST <i>To be superceded by 1T1824.</i>							
1T3286 STD, .25		62.610/2.4650	79.934/3.1470		2.36/.093	F817	3286T IH
		62.860/2.4748	80.188/3.1570				
CAMS							
5C6128A STD	1,2,3,4,5	29.930/1.1783	32.985/1.2986	1.510/.0594	20.13/.793	F820	6128A IH
		29.945/1.1789	33.000/1.2992				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4288 UNB			25.400/1.0000	1.760/.0693	26.00/1.024	F100	4RB4288
			25.420/1.0008				
PISTON PIN BUSH							
RB4288 UNB			25.400/1.0000	1.760/.0693	26.00/1.024	F100	RB4288
			25.420/1.0008				

6	Engine	Year	Cyl	Bore x Stroke	6
	4JJ1-TC 2999cc Inline4 DOHC 4v Turbo Diesel	10/2004 - On	L4	95.5mm x 104.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1890A STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834		1.513/.0596	25.83/1.017	F810	1890A IH
		52.931/2.0839					
CONROD <i>Part number was 4B1890LC</i>							
4B1890P STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834		1.513/.0596	25.83/1.017	F780	1890 IH
		52.931/2.0839					
MAINS <i>Hardening Of Shaft Recommended After Grinding.</i>							
5M1893A STD, .25, .50, .75, 1.00	1-5	69.920/2.7528	73.975/2.9124	2.007/.0790	23.03/.907	F810	1893A UL
		69.930/2.7531	74.000/2.9134				
THRUST							
1T1893 STD		78.250/3.0807	92.450/3.6398		2.49/.098	F817	1893T IH
		78.500/3.0905	92.700/3.6496				

7	Engine	Year	Cyl	Bore x Stroke	7
	4XE1-T 1588cc Inline4 DOHC 4v Turbo	01/1991 - 12/1992	L4	80.0mm x 79.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1870A STD, .25, .50, .75		39.930/1.5720	42.980/1.6921	1.506/.0593	17.00/.669	F810	1870A IH
		39.945/1.5726	43.000/1.6929				



7 Continued ... 7

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1867A STD, .25, .50	1,2,3,4,5	<i>Large journal.</i>		2.009/.0791	17.13/.674	F810	1867A UL
		51.915/2.0439	55.976/2.2038				
		51.938/2.0448	55.989/2.2043				
1T1867 STD	1,2,3,4,5	<i>73.85mm OD.</i>		2.21/.087	F817	1867T IH	
		59.000/2.3228	73.600/2.8976				
		59.250/2.3327	73.850/2.9075				
RB4305 UNB	1,2,3,4,5	<i>PISTON PIN BUSH</i>		1.540/.0606	23.75/.935	F100	RB4305
			23.000/.9055				

8 Engine Year Cyl Bore x Stroke 8

4XE1 1588cc Inline4 SOHC 3v 01/1988 - 12/1993 L4 80.0mm x 79.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1870A STD, .25, .50, .75	1,2,3,4,5	<i>CONROD</i>		1.506/.0593	17.00/.669	F810	1870A IH
		39.930/1.5720	42.980/1.6921				
		39.945/1.5726	43.000/1.6929				
5M1867A STD, .25, .50	1,2,3,4,5	<i>Large journal.</i>		2.009/.0791	17.13/.674	F810	1867A UL
		51.915/2.0439	55.976/2.2038				
		51.938/2.0448	55.989/2.2043				
5M1869A STD, .25, .50, .75	1,2,3,4,5	<i>Small journal.</i>		2.010/.0791	17.00/.669	F810	1869A UL
		47.918/1.8865	51.976/2.0463				
		47.938/1.8873	52.000/2.0472				
1T1867 STD	1,2,3,4,5	<i>73.85mm OD.</i>		2.21/.087	F817	1867T IH	
		59.000/2.3228	73.600/2.8976				
		59.250/2.3327	73.850/2.9075				
1T1869 STD	1,2,3,4,5	<i>69.90mm OD.</i>		2.20/.087	F250	1869T IH	
		54.700/2.1535	69.700/2.7441				
		54.900/2.1614	69.900/2.7520				
RB4305 UNB	1,2,3,4,5	<i>PISTON PIN BUSH</i>		1.540/.0606	23.75/.935	F100	RB4305
			23.000/.9055				

9 Engine Year Cyl Bore x Stroke 9

C22NE 2198cc Inline4 SOHC 2v 01/2004 - On L4 86.0mm x 94.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2322A STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>CONROD Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A UL
		48.987/1.9286	52.012/2.0477				
RACE SERIES 4B2322H STD, .025, .25, .50	1,2,3,4,5	<i>CONROD</i>					
		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H UL
		48.987/1.9286	52.012/2.0477				
RACE SERIES 4B2322HX STD	1,2,3,4,5	<i>CONROD 0.001" extra oil clearance on STD journal.</i>					
		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX UL
		48.987/1.9286	52.012/2.0477				
5M2325A STD, .25, .50, .75, 1.00	1,2,4,5	<i>MAINS Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have 2 oil holes.</i>					
		57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A IH
		57.995/2.2833	62.013/2.4415				
	3	57.974/2.2824	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2325A(F) IH
		57.995/2.2833	62.013/2.4415				



10	Engine	Year	Cyl	Bore x Stroke	10
	4JA1 2499cc Inline4 OHV 2v Diesel	05/1984 - 01/1993	L4	93.0mm x 92.0mm	
	4JC1 2238cc Inline4 OHV 2v Diesel	01/1984 - On	L4	88.0mm x 92.0mm	
	4JD1 2039cc Inline4 OHV 2v Diesel	01/1987 - On	L4	84.0mm x 92.0mm	
	4JE1 1862cc Inline4 OHV 2v Diesel	01/1987 - On	L4	84.0mm x 84.0mm	
	4JF1 1496cc Inline4 OHV 2v Diesel	04/1986 - On	L4	75.3mm x 84.0mm	
	D201 2238cc Inline4 2v Diesel	01/1985 - 08/1988	L4	88.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1890A STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834		1.513/.0596	25.83/1.017	F810	1890A IH
		52.931/2.0839					
CONROD <i>Part number was 4B1890LC</i>							
4B1890P STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834		1.513/.0596	25.83/1.017	F780	1890 IH
		52.931/2.0839					
MAINS							
5M1892A STD, .25, .50, .75, 1.00	1-5	59.920/2.3591	63.987/2.5192	2.004/.0789	23.03/.907	F780	1892 UL
		59.930/2.3594	64.000/2.5197				
	1-5	59.920/2.3591	63.987/2.5192	2.004/.0789	23.03/.907	F780	1892 UL
		59.930/2.3594	64.000/2.5197				
THRUST							
1T1192 STD		72.260/2.8449	86.610/3.4098		2.49/.098	F817	1192T IH
		72.520/2.8551	86.860/3.4197				
CAMS							
3C8084 STD	1		54.000/2.1260	2.010/.0791	25.25/.994	F23	8085
			54.010/2.1264				
	2,3		54.000/2.1260	2.010/.0791	22.25/.876	F23	8084
			54.010/2.1264				
PISTON PIN BUSH <i>Set of 4. Suits a 31mm pin.</i>							
4RB4103 UNB, STD		30.995/1.2203	34.000/1.3386	1.700/.0669	33.00/1.299	F100	4RB4103
		31.000/1.2205	34.025/1.3396				
PISTON PIN BUSH <i>Suits a 31mm pin.</i>							
RB4103 UNB, STD		30.995/1.2203	34.000/1.3386	1.700/.0669	33.00/1.299	F100	RB4103
		31.000/1.2205	34.025/1.3396				

11	Engine	Year	Cyl	Bore x Stroke	11
	6HE1-T 7127cc Inline6 SOHC Turbo Diesel	01/1990 - On	L6	110.0mm x 125.0mm	
	6HK1-T 7785cc Inline6 SOHC 4v Turbo Diesel	01/1990 - On	L6	115.0mm x 125.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1839P STD, .25, .50		72.902/2.8702	77.985/3.0703	2.517/.0991	30.43/1.198	F780	1839 IH
		72.922/2.8709	78.000/3.0709				
MAINS							
7M1837P STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5,6,7	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F780	1837 UL
		81.925/3.2254	87.019/3.4259				
THRUST							
3T1837 STD		92.700/3.6496	109.750/4.3209		3.00/.118	F817	1837T U
		92.950/3.6594	110.000/4.3307				
		92.700/3.6496	109.750/4.3209		3.00/.118	F817	1838T IH
		92.950/3.6594	110.000/4.3307				

12	Engine	Year	Cyl	Bore x Stroke	12
	D500-T 4978cc Inline6 SOHC 2v Turbo Diesel	01/1971 - 12/1977	L6	98.0mm x 100.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1886P STD, .25, .50, .75, 1.00		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886 IH
		63.944/2.5175	68.015/2.6778				

12 Continued ...							12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
7M1887P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6,7	75.913/2.9887	81.000/3.1890	2.513/.0989	27.70/1.091	F780	1887 IH
		75.925/2.9892	81.011/3.1894				
2T1887 STD	THRUST	84.000/3.3071	101.000/3.9764		2.98/.117		1887T UL
		84.000/3.3071	101.000/3.9764				
6C8081 STD	CAMS 1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082
		55.970/2.2035	60.046/2.3640				
	2 TO 6	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
		55.970/2.2035	60.046/2.3640				
6RB4287 UNB	PISTON PIN BUSH <i>Set of 6.</i>	32.990/1.2988	36.000/1.4173	1.530/.0602	38.00/1.496	F100	6RB4287
		33.000/1.2992	36.030/1.4185				
RB4287 UNB	PISTON PIN BUSH	32.990/1.2988	36.000/1.4173	1.530/.0602	38.00/1.496	F100	RB4287
		33.000/1.2992	36.030/1.4185				

13 Engine				Year	Cyl	Bore x Stroke	13
G200W 1949cc Inline4 DOHC 2v				01/1979 - 12/1990	L4	87.0mm x 82.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2815A STD, .25, .50, .75, 1.00	CONROD	<i>To be superseded by 4B2821A.</i>		1.510/.0594	21.63/.852	F810	2815A IH
		48.925/1.9262	51.985/2.0466				
	CONROD	<i>Partial groove and oil hole at notch end.</i>		1.513/.0596	22.00/.866	F810	2821A IH
		48.940/1.9268	52.000/2.0472				
4B2821A STD, .25, .50, .75, 1.00, 1.25	CONROD	48.925/1.9262	51.987/2.0467	1.513/.0596	22.00/.866	F810	2821A IH
		48.940/1.9268	52.000/2.0472				
5M2809A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Suits from 1986 on.</i>		2.008/.0791	21.86/.861	F810	2809A IH
		55.920/2.2016	59.980/2.3614				
	MAINS	<i>Suits until 12/85.</i>		1.513/.0596	32.13/1.265	F810	2817A IH
		55.932/2.2020	60.000/2.3622				
5M2817A STD, .25, .50, .75, 1.00, 1.25	1,3,5	55.920/2.2016	58.980/2.3220	1.513/.0596	32.13/1.265	F810	2817A IH
		55.935/2.2022	59.000/2.3228				
	2,4	55.920/2.2016	58.980/2.3220	1.513/.0596	21.08/.830	F810	2818A IH
		55.935/2.2022	59.000/2.3228				
1T1824 STD	THRUST	63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
		64.000/2.5197	80.188/3.1570				
1T2809 STD	THRUST 3		80.200/3.1575		2.36/.093	F817	2809T IH
1T3286 STD, .25	THRUST	<i>To be superseded by 1T1824.</i>			2.36/.093	F817	3286T IH
		62.610/2.4650	79.934/3.1470				
	THRUST	62.860/2.4748	80.188/3.1570		2.36/.093	F817	3286T IH
5C6128A STD	CAMS 1,2,3,4,5	29.930/1.1783	32.985/1.2986	1.510/.0594	20.13/.793	F820	6128A IH
		29.945/1.1789	33.000/1.2992				

14 Engine				Year	Cyl	Bore x Stroke	14
G180W 1817cc Inline4 SOHC 2v				01/1982 - On	L4	82.0mm x 72.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2815A STD, .25, .50, .75, 1.00	CONROD	<i>To be superseded by 4B2821A.</i>		1.510/.0594	21.63/.852	F810	2815A IH
		48.925/1.9262	51.985/2.0466				
	CONROD	<i>To be superseded by 4B2821A.</i>		1.513/.0596	22.00/.866	F810	2821A IH
		48.940/1.9268	52.000/2.0472				



14 Continued ...							14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Partial groove and oil hole at notch end.</i>							
4B2821A STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.987/2.0467	1.513/.0596	22.00/.866	F810	2821A IH
		48.940/1.9268	52.000/2.0472				
5M2817A STD, .25, .50, .75, 1.00, 1.25	1,3,5	55.920/2.2016	58.980/2.3220	1.513/.0596	32.13/1.265	F810	2817A IH
		55.935/2.2022	59.000/2.3228				
	2,4	55.920/2.2016	58.980/2.3220	1.513/.0596	21.08/.830	F810	2818A IH
		55.935/2.2022	59.000/2.3228				
1T1824 STD		63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
		64.000/2.5197	80.188/3.1570				
1T3286 STD, .25		62.610/2.4650	79.934/3.1470		2.36/.093	F817	3286T IH
		62.860/2.4748	80.188/3.1570				
5C6128A STD	1,2,3,4,5	29.930/1.1783	32.985/1.2986	1.510/.0594	20.13/.793	F820	6128A IH
		29.945/1.1789	33.000/1.2992				

15 Engine				Year	Cyl	Bore x Stroke	15
4HK1-T 5193cc Inline4 SOHC 2v Turbo Diesel				01/2005 - On	L4	115.0mm x 125.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1854P STD, .25, .50, .75, 1.00		72.920/2.8709		2.517/.0991	30.43/1.198	F780	1854 IH
		72.922/2.8709					
5M1837A STD, .25, .50, .75, 1.00	1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F810	1837A UL
		81.925/3.2254	87.019/3.4259				
5M1837P STD, .25, .50, .75, 1.00	1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F780	1837 UL
		81.925/3.2254	87.019/3.4259				
3T1837 STD		92.700/3.6496	109.750/4.3209		3.00/.118	F817	1837T U
		92.950/3.6594	110.000/4.3307				
		92.700/3.6496	109.750/4.3209				
		92.950/3.6594	110.000/4.3307				
5C8554A STD	1,2,3,4,5	39.940/1.5724	43.000/1.6929	1.500/.0591	22.13/.871	F820	8554A IH
		39.975/1.5738	43.020/1.6937				
4RB4292 UNB		PISTON PIN BUSH <i>Tapered bush. Set of 4.</i>		2.040/.0803	41.00/1.614	F100	4RB4292
			44.000/1.7323				
RB4292 UNB		PISTON PIN BUSH <i>Tapered bush.</i>		2.040/.0803	41.00/1.614	F100	RB4292
			44.000/1.7323				

16 Engine				Year	Cyl	Bore x Stroke	16
4LE1 2179cc Inline4 OHV 2v Diesel				01/1990 - On	L4	85.0mm x 96.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8560A STD, .25			51.985/2.0466	1.505/.0593	22.13/.871	F810	8560A IH
			52.000/2.0472				
5M8562A STD, .25	1,2,3,4,5		63.980/2.5189	2.008/.0791	16.53/.651	F810	8562A UL
			64.000/2.5197				
1T8562 STD	2	68.000/2.6772	78.750/3.1004		2.67/.105	F817	8562T UL
		68.250/2.6870	79.000/3.1102				

17 Engine				Year	Cyl	Bore x Stroke	17
4LE2 2179cc Inline4 OHV 2v Diesel				01/1990 - On	L4	85.0mm x 96.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8561A STD, .25			48.982/1.9284	1.506/.0593	16.53/.651	F810	8561A IH
			49.000/1.9291				
5M8562A STD, .25	1,2,3,4,5		63.980/2.5189	2.008/.0791	16.53/.651	F810	8562A UL
			64.000/2.5197				
1T8562 STD	2		68.000/2.6772		2.67/.105	F817	8562T UL
			68.250/2.6870				

18 Engine				Year	Cyl	Bore x Stroke	18
4JH1TC 2999cc Inline4 2v T/Diesel				12/2001 - On	L4	95.5mm x 104.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1890A STD, .25, .50, .75, 1.00, 1.25			52.918/2.0834	1.513/.0596	25.83/1.017	F810	1890A IH
			52.931/2.0839				
4B1890P STD, .25, .50, .75, 1.00, 1.25		<i>Part number was 4B1890LC</i>		1.513/.0596	25.83/1.017	F780	1890 IH
			52.918/2.0834				
5M1893A STD, .25, .50, .75, 1.00	1-5	<i>Hardening Of Shaft Recommended After Grinding.</i>		2.007/.0790	23.03/.907	F810	1893A UL
			69.920/2.7528				
1T1893 STD			73.975/2.9124		2.49/.098	F817	1893T IH
			69.930/2.7531				
3C8084 STD	1		78.250/3.0807	2.010/.0791	25.25/.994	F23	8085
			92.450/3.6398				
	2,3		92.700/3.6496	2.010/.0791	22.25/.876	F23	8084
			54.000/2.1260				
			54.010/2.1264				
			54.000/2.1260				
			54.010/2.1264				

19 Engine				Year	Cyl	Bore x Stroke	19
4XCI 1471cc Inline4 SOHC 2v				03/1985 - On	L4	77.0mm x 79.0mm	
4XCI-T 1471cc Inline4 SOHC 2v Turbo				04/1986 - 12/1991	L4	77.0mm x 79.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1870A STD, .25, .50, .75			39.930/1.5720	1.506/.0593	17.00/.669	F810	1870A IH
			39.945/1.5726				
5M1867A STD, .25, .50	1,2,3,4,5	<i>Large journal.</i>		2.009/.0791	17.13/.674	F810	1867A UL
			51.915/2.0439				
5M1869A STD, .25, .50, .75	1,2,3,4,5	<i>Small journal.</i>		2.010/.0791	17.00/.669	F810	1869A UL
			51.938/2.0448				
1T1867 STD			51.976/2.0463		2.21/.087	F817	1867T IH
			47.938/1.8873				
			52.000/2.0472		2.20/.087	F250	1869T IH
			47.918/1.8865				
1T1869 STD		<i>73.85mm OD.</i>					
			59.000/2.3228				
			73.600/2.8976				
			59.250/2.3327				
		<i>69.90mm OD.</i>					
			54.700/2.1535				
			69.700/2.7441				
			54.900/2.1614				
			69.900/2.7520				



20 Engine		Year		Cyl	Bore x Stroke		20
4BC1 3268cc Inline4 OHV 2v Diesel		12/1978 - 06/1984		L4	102.0mm x 100.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1886P STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886 IH
		63.944/2.5175	68.015/2.6778				
MAINS <i>Suits from 09/1981 to 10/1985.</i>							
5M1885A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887	81.000/3.1890	2.525/.0994	27.83/1.096	F810	1885A IH
		75.925/2.9892	81.011/3.1894				
MAINS <i>Suits from 09/1981 to 10/1985.</i>							
5M1885P STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887	81.000/3.1890	2.525/.0994	27.83/1.096	F780	1885 IH
		75.925/2.9892	81.011/3.1894				
MAINS <i>Set is half grooved. Suits from 12/78 to 08/81.</i>							
5M1894A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887	81.006/3.1892	2.525/.0994	27.90/1.098	F810	1894A U
		75.925/2.9892	81.019/3.1897				
	1,2,4,5	75.913/2.9887	81.006/3.1892	2.525/.0994	27.90/1.098	F810	1894A L
		75.925/2.9892	81.019/3.1897				
	3	75.913/2.9887	81.006/3.1892	2.525/.0994	27.90/1.098	F810	1895A L
		75.925/2.9892	81.019/3.1897				
MAINS <i>Set is half grooved. Suits from 12/78 to 08/81.</i>							
5M1894P STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	75.913/2.9887	81.006/3.1892	2.525/.0994	27.90/1.098	F780	1894 U
		75.925/2.9892	81.019/3.1897				
	1,2,4,5	75.913/2.9887	81.006/3.1892	2.525/.0994	27.90/1.098	F780	1894 L
		75.925/2.9892	81.019/3.1897				
	3L	75.913/2.9887	81.006/3.1892	2.525/.0994	27.90/1.098	F780	1895 L
		75.925/2.9892	81.019/3.1897				
THRUST <i>Inside diameter is 84.5mm.</i>							
2T1888 STD		84.500/3.3268	100.750/3.9665		2.50/.098	F250	1888T UL
		84.750/3.3366	101.000/3.9764				
CAMS							
3C8081 STD	1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082
		55.970/2.2035	60.046/2.3640				
	2,3	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
		55.970/2.2035	60.046/2.3640				
PISTON PIN BUSH <i>Set of 4. To suit 38mm tunnel.</i>							
4RB4286 UNB		32.980/1.2984	38.000/1.4961	2.530/.0996	38.00/1.496	F100	4RB4286
		33.000/1.2992	38.030/1.4972				
PISTON PIN BUSH <i>To suit 38mm tunnel.</i>							
RB4286 UNB		32.980/1.2984	38.000/1.4961	2.530/.0996	38.00/1.496	F100	RB4286
		33.000/1.2992	38.030/1.4972				

21 Engine		Year		Cyl	Bore x Stroke		21
4BC2 3268cc Inline4 OHV 2v Diesel		02/1980 - 04/1990		L4	102.0mm x 100.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1886P STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886 IH
		63.944/2.5175	68.015/2.6778				
MAINS <i>Suits from 1985 on.</i>							
5M1848A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F810	1848A U
		75.920/2.9890	81.020/3.1898				
	1,2,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F810	1848A L
		75.920/2.9890	81.020/3.1898				
	3	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F810	1849A L
		75.920/2.9890	81.020/3.1898				
MAINS <i>Suits from 1985 on.</i>							
5M1848P STD, .25, .50, .75, 1.00	1,2,3,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F780	1848 U
		75.920/2.9890	81.020/3.1898				
	1,2,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F780	1848 L
		75.920/2.9890	81.020/3.1898				



21 Continued ...							21
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1848P STD, .25, .50, .75, 1.00	3	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F780	1849 L
MAINS		<i>Suits from 09/1981 to 10/1985.</i>					
5M1885A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.525/.0994	27.83/1.096	F810	1885A IH
MAINS		<i>Suits from 09/1981 to 10/1985.</i>					
5M1885P STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.525/.0994	27.83/1.096	F780	1885 IH
MAINS		<i>Set is half grooved. Suits from 12/78 to 08/81.</i>					
5M1894A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1894A U
	1,2,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1894A L
	3	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1895A L
MAINS		<i>Set is half grooved. Suits from 12/78 to 08/81.</i>					
5M1894P STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1894 U
	1,2,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1894 L
	3L	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1895 L
THRUST		<i>Inside diameter is 84.5mm.</i>					
2T1888 STD		84.500/3.3268 84.750/3.3366	100.750/3.9665 101.000/3.9764		2.50/.098	F250	1888T UL
THRUST		<i>Inside diameter is 88mm.</i>					
2T1889 STD		88.000/3.4646 88.250/3.4744	100.750/3.9665 101.000/3.9764		2.50/.098	F250	1889T UL
CAMS							
3C8081 STD	1	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082
	2,3	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8081
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4073 UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	4RB4073
PISTON PIN BUSH							
RB4073 UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	RB4073

22 Engine			Year	Cyl	Bore x Stroke	22	
4BD1T 3856cc Inline4 OHV 2v Turbo Diesel			02/1980 - 12/1993	L4	102.0mm x 118.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1886P STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170 63.944/2.5175	68.000/2.6772 68.015/2.6778	2.012/.0792	29.80/1.173	F780	1886 IH
MAINS		<i>Suits from 04/86 on.</i>					
5M1844A STD, .25, .50	1,2,4,5	79.910/3.1461 79.920/3.1465	85.000/3.3465 85.020/3.3472	2.516/.0991	26.73/1.052	F810	1844A UL
	3	79.910/3.1461 79.920/3.1465	85.000/3.3465 85.020/3.3472	2.516/.0991	26.73/1.052	F810	1845A UL
MAINS		<i>Half groove at position #3. Suits from 05/80 to 03/86.</i>					
5M1884A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F810	1884A U
	1,2,4,5	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F810	1884A L
	3	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F810	1855A L



22 Continued ...							22
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1884P STD, .25, .50, .75, 1.00, 1.25	MAINS	<i>Half groove at position #3. Suits from 05/80 to 03/86..</i>					
	1,2,3,4,5	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1884 U
		79.925/3.1466	85.019/3.3472				
	1,2,4,5	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1884 L
		79.925/3.1466	85.019/3.3472				
	3	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1855 L
		79.925/3.1466	85.019/3.3472				
2T1889 STD	THRUST	<i>Inside diameter is 88mm.</i>					
		88.000/3.4646	100.750/3.9665		2.50/.098	F250	1889T UL
		88.250/3.4744	101.000/3.9764				
3C8081 STD	CAMS						
	1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082
		55.970/2.2035	60.046/2.3640				
	2,3	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
		55.970/2.2035	60.046/2.3640				
4RB4073 UNB	PISTON PIN BUSH	<i>Set of 4.</i>					
		34.995/1.3778	38.000/1.4961	1.530/.0602	38.00/1.496	F100	4RB4073
		35.000/1.3780	38.025/1.4970				
RB4073 UNB	PISTON PIN BUSH						
		34.995/1.3778	38.000/1.4961	1.530/.0602	38.00/1.496	F100	RB4073
		35.000/1.3780	38.025/1.4970				

23 Engine		Year	Cyl	Bore x Stroke	23		
4BD1 3856cc Inline4 OHV 2v Diesel		12/1978 - 12/1993	L4	102.0mm x 118.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1886P STD, .25, .50, .75, 1.00, 1.25	CONROD	63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886 IH
		63.944/2.5175	68.015/2.6778				
5M1844A STD, .25, .50	MAINS	<i>Suits from 04/86 on.</i>					
	1,2,4,5	79.910/3.1461	85.000/3.3465	2.516/.0991	26.73/1.052	F810	1844A UL
		79.920/3.1465	85.020/3.3472				
	3	79.910/3.1461	85.000/3.3465	2.516/.0991	26.73/1.052	F810	1845A UL
		79.920/3.1465	85.020/3.3472				
5M1847A STD, .25, .50	MAINS	<i>Suits until 04/80.</i>					
	1,2,3,4,5	79.910/3.1461	85.000/3.3465	2.525/.0994	26.83/1.056	F810	1847A U
		79.920/3.1465	85.020/3.3472				
	1,2,4,5	79.910/3.1461	85.000/3.3465	2.525/.0994	26.83/1.056	F810	1847A L
		79.920/3.1465	85.020/3.3472				
	3	79.910/3.1461	85.000/3.3465	2.525/.0994	26.83/1.056	F810	1859A L
		79.920/3.1465	85.020/3.3472				
5M1847P STD, .25, .50	MAINS	<i>Suits until 04/80.</i>					
	1,2,3,4,5	79.910/3.1461	85.000/3.3465	2.525/.0994	26.83/1.056	F780	1847 U
		79.920/3.1465	85.020/3.3472				
	1,2,4,5	79.910/3.1461	85.000/3.3465	2.525/.0994	26.83/1.056	F780	1847 L
		79.920/3.1465	85.020/3.3472				
	3	79.910/3.1461	85.000/3.3465	2.525/.0994	26.83/1.056	F780	1859 L
		79.920/3.1465	85.020/3.3472				
5M1884A STD, .25, .50, .75, 1.00, 1.25	MAINS	<i>Half groove at position #3. Suits from 05/80 to 03/86..</i>					
	1,2,3,4,5	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F810	1884A U
		79.925/3.1466	85.019/3.3472				
	1,2,4,5	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F810	1884A L
		79.925/3.1466	85.019/3.3472				
	3	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F810	1855A L
		79.925/3.1466	85.019/3.3472				
5M1884P STD, .25, .50, .75, 1.00, 1.25	MAINS	<i>Half groove at position #3. Suits from 05/80 to 03/86..</i>					
	1,2,3,4,5	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1884 U
		79.925/3.1466	85.019/3.3472				

23 Continued ...							23
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1884P STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F780	1884 L
	3	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F780	1855 L
	THRUST	<i>Inside diameter is 88mm.</i>					
	2T1889 STD		88.000/3.4646 88.250/3.4744	100.750/3.9665 101.000/3.9764		2.50/.098	F250
3C8081 STD	CAMS						
	1	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082
	2,3	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8081
	PISTON PIN BUSH	<i>Set of 4.</i>					
4RB4073 UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	4RB4073
	PISTON PIN BUSH						
RB4073 UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	RB4073

24	Engine	Year	Cyl	Bore x Stroke	24
	4BE1 3636cc Inline4 OHV 2v Diesel	01/1985 - 04/1998	L4	105.0mm x 105.0mm	
	4BE2 3636cc Inline4 OHV 2v Diesel	06/1986 - 04/1998	L4	105.0mm x 105.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1886P STD, .25, .50, .75, 1.00, 1.25	CONROD	63.932/2.5170 63.944/2.5175	68.000/2.6772 68.015/2.6778	2.012/.0792	29.80/1.173	F780	1886 IH
	MAINS	<i>Suits from 1985 on.</i>					
5M1848A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F810	1848A U
	1,2,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F810	1848A L
	3	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F810	1849A L
	MAINS	<i>Suits from 1985 on.</i>					
	1,2,3,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F780	1848 U
	1,2,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F780	1848 L
5M1848P STD, .25, .50, .75, 1.00	3	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F780	1849 L
	THRUST	<i>Inside diameter is 88mm.</i>					
2T1889 STD		88.000/3.4646 88.250/3.4744	100.750/3.9665 101.000/3.9764		2.50/.098	F250	1889T UL
	CAMS						
3C8081 STD	1	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082
	2,3	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8081
	PISTON PIN BUSH	<i>Set of 4.</i>					
	4RB4073 UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100
PISTON PIN BUSH							
RB4073 UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	RB4073



25 Engine		Year		Cyl	Bore x Stroke		25
4EC1 1487cc Inline4 OHV 2v Diesel		04/1985 - 02/1990		L4	76.0mm x 82.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1816A STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F810	1816A IH
4B1816P STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F780	1816 IH
MAINS <i>Suits 52mm housing.</i>							
5M1817A STD, .25, .50, .75, 1.00	1,2,3,4,5	47.925/1.8868 47.938/1.8873	51.976/2.0463 52.000/2.0472	2.006/.0790	15.50/.610	F810	1817A UL
1T1817 STD		55.500/2.1850 55.750/2.1949	69.700/2.7441 69.950/2.7539		2.21/.087	F250	1817T IH
4RB4118 UNB	PISTON PIN BUSH		25.000/.9843 25.025/.9852	1.610/.0634	23.75/.935	F100	4RB4118
RB4118 UNB	PISTON PIN BUSH		25.000/.9843 25.025/.9852	1.610/.0634	23.75/.935	F100	RB4118

26 Engine		Year		Cyl	Bore x Stroke		26
4EC1-T 1487cc Inline4 OHV 2v Turbo Diesel		04/1985 - 02/1990		L4	76.0mm x 82.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1816A STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F810	1816A IH
4B1816P STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F780	1816 IH
MAINS <i>Suits 56mm housing.</i>							
5M1819A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	51.925/2.0443 51.938/2.0448	55.976/2.2038 56.000/2.2047	2.006/.0790	15.50/.610	F810	1819A UL
1T1817 STD		55.500/2.1850 55.750/2.1949	69.700/2.7441 69.950/2.7539		2.21/.087	F250	1817T IH
4RB4289 UNB	PISTON PIN BUSH		28.000/1.1024 28.025/1.1033	1.540/.0606	23.75/.935	F100	4RB4289
RB4289 UNB	PISTON PIN BUSH		28.000/1.1024 28.025/1.1033	1.540/.0606	23.75/.935	F100	RB4289

27 Engine		Year		Cyl	Bore x Stroke		27
4EE1 1686cc Inline4 OHV 2v Diesel		02/1990 - 03/1993		L4	79.0mm x 86.0mm		
4EE1-T 1686cc Inline4 OHV 2v Turbo Diesel		02/1990 - 03/1993		L4	79.0mm x 86.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1816A STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F810	1816A IH
4B1816P STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F780	1816 IH
MAINS <i>Suits 56mm housing.</i>							
5M1819A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	51.925/2.0443 51.938/2.0448	55.976/2.2038 56.000/2.2047	2.006/.0790	15.50/.610	F810	1819A UL

27 Continued ... 27

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	THRUST	<i>73.85mm OD.</i>					
1T1867 STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.21/.087	F817	1867T IH
4RB4232 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		30.000/1.1811	1.540/.0606	F100	4RB4232
RB4232 UNB	PISTON PIN BUSH		30.000/1.1811	1.540/.0606	23.75/.935	F100	RB4232

28 Engine Year Cyl Bore x Stroke 28

4HF1 4334cc Inline4 SOHC 2v Diesel 01/1994 - 09/2000 L4 112.0mm x 110.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
	CONROD								
4B1836P STD, .25, .50, .75, 1.00, 1.25		65.902/2.5946 65.922/2.5953	69.985/2.7553 70.000/2.7559	2.013/.0793	30.40/1.197	F780	1836 IH		
5M1837A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	81.905/3.2246 81.925/3.2254	87.000/3.4252 87.019/3.4259	2.518/.0991	27.25/1.073	F810	1837A UL		
5M1837P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	81.905/3.2246 81.925/3.2254	87.000/3.4252 87.019/3.4259	2.518/.0991	27.25/1.073	F780	1837 UL		
3T1837 STD	THRUST	92.700/3.6496 92.950/3.6594 92.700/3.6496 92.950/3.6594	109.750/4.3209 110.000/4.3307 109.750/4.3209 110.000/4.3307		3.00/.118 3.00/.118	F817 F817	1837T U 1838T IH		
5C8553A STD	CAMS 1,2,3,4,5	39.950/1.5728 39.975/1.5738	43.000/1.6929 43.020/1.6937	1.500/.0591	22.13/.871	F820	8553A IH		
4RB4291 UNB	PISTON PIN BUSH	<i>Tapered bush. Set of 4.</i>		35.990/1.4169 36.000/1.4173	40.000/1.5748 40.020/1.5756	2.040/.0803	41.00/1.614	F100	4RB4291
RB4291 UNB	PISTON PIN BUSH	<i>Tapered bush.</i>		35.990/1.4169 36.000/1.4173	40.000/1.5748 40.020/1.5756	2.040/.0803	41.00/1.614	F100	RB4291

29 Engine Year Cyl Bore x Stroke 29

4JB1 2771cc Inline4 OHV 2v Diesel 01/1984 - 01/1997 L4 93.0mm x 102.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B1890A STD, .25, .50, .75, 1.00, 1.25	CONROD	52.918/2.0834 52.931/2.0839		1.513/.0596	25.83/1.017	F810	1890A IH		
4B1890P STD, .25, .50, .75, 1.00, 1.25	CONROD	<i>Part number was 4B1890LC</i>		52.918/2.0834 52.931/2.0839		1.513/.0596	25.83/1.017	F780	1890 IH
5M1893A STD, .25, .50, .75, 1.00	MAINS 1-5	<i>Hardening Of Shaft Recommended After Grinding.</i>		69.920/2.7528 69.930/2.7531	73.975/2.9124 74.000/2.9134	2.007/.0790	23.03/.907	F810	1893A UL
1T1893 STD	THRUST	78.250/3.0807 78.500/3.0905	92.450/3.6398 92.700/3.6496		2.49/.098	F817	1893T IH		
3C8084 STD	CAMS 1 2,3		54.000/2.1260 54.010/2.1264 54.000/2.1260 54.010/2.1264	2.010/.0791 2.010/.0791	25.25/.994 22.25/.876	F23 F23	8085 8084		



29 Continued ... 29

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 4. Suits a 31mm pin.</i>							
4RB4103 UNB, STD		30.995/1.2203	34.000/1.3386	1.700/.0669	33.00/1.299	F100	4RB4103
		31.000/1.2205	34.025/1.3396				
PISTON PIN BUSH <i>Suits a 31mm pin.</i>							
RB4103 UNB, STD		30.995/1.2203	34.000/1.3386	1.700/.0669	33.00/1.299	F100	RB4103
		31.000/1.2205	34.025/1.3396				

30 Engine Year Cyl Bore x Stroke 30

4JB1-T 2771cc Inline4 OHV 2v Turbo Diesel 10/1986 - 02/2003 L4 93.0mm x 102.0mm
 4JG2 TC 3059cc Inline4 OHV 2v Turbo Diesel 01/1992 - 12/1998 L4 95.4mm x 107.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1890A STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834		1.513/.0596	25.83/1.017	F810	1890A IH
		52.931/2.0839					
CONROD <i>Part number was 4B1890LC</i>							
4B1890P STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834		1.513/.0596	25.83/1.017	F780	1890 IH
		52.931/2.0839					
MAINS <i>Hardening Of Shaft Recommended After Grinding.</i>							
5M1893A STD, .25, .50, .75, 1.00	1-5	69.920/2.7528	73.975/2.9124	2.007/.0790	23.03/.907	F810	1893A UL
		69.930/2.7531	74.000/2.9134				
THRUST							
1T1893 STD		78.250/3.0807	92.450/3.6398		2.49/.098	F817	1893T IH
		78.500/3.0905	92.700/3.6496				
CAMS							
3C8084 STD	1		54.000/2.1260	2.010/.0791	25.25/.994	F23	8085
			54.010/2.1264				
	2,3		54.000/2.1260	2.010/.0791	22.25/.876	F23	8084
			54.010/2.1264				
PISTON PIN BUSH <i>Bush has 2 holes, suits a 34mm pin. Set of 4.</i>							
4RB4104 STD, UNB		33.994/1.3383	37.000/1.4567	1.620/.0638	33.00/1.299	F100	4RB4104
		34.000/1.3386	37.025/1.4577				
PISTON PIN BUSH <i>Bush has 2 holes, suits a 34mm pin.</i>							
RB4104 UNB		33.994/1.3383	37.000/1.4567	1.620/.0638	33.00/1.299	F100	RB4104
		34.000/1.3386	37.000/1.4567				

31 Engine Year Cyl Bore x Stroke 31

4BB1 3595cc Inline4 OHV 2v Diesel 01/1971 - 12/1989 L4 102.0mm x 110.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1886P STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886 IH
		63.944/2.5175	68.015/2.6778				
MAINS <i>Suits from 1985 on.</i>							
5M1848A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F810	1848A U
		75.920/2.9890	81.020/3.1898				
	1,2,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F810	1848A L
		75.920/2.9890	81.020/3.1898				
	3	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F810	1849A L
		75.920/2.9890	81.020/3.1898				
MAINS <i>Suits from 1985 on.</i>							
5M1848P STD, .25, .50, .75, 1.00	1,2,3,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F780	1848 U
		75.920/2.9890	81.020/3.1898				
	1,2,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F780	1848 L
		75.920/2.9890	81.020/3.1898				
	3	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F780	1849 L
		75.920/2.9890	81.020/3.1898				

31 Continued ... 31

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Suits from 09/1981 to 10/1985.</i>							
5M1885A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.525/.0994	27.83/1.096	F810	1885A IH
MAINS <i>Suits from 09/1981 to 10/1985.</i>							
5M1885P STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.525/.0994	27.83/1.096	F780	1885 IH
MAINS <i>Suits from 01/1971 to 11/1978. Bearings are fully grooved with notch width 5.8mm on both the upper and lower.</i>							
5M1887A STD, .25, .50, .75, 1.00		75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.513/.0989	27.70/1.091	F810	1887A IH
MAINS <i>Suits from 01/1971 to 11/1978.</i>							
5M1887P STD, .25, .50, .75, 1.00		75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.513/.0989	27.70/1.091	F780	1887 IH
MAINS <i>Set is half grooved. Suits from 12/78 to 08/81.</i>							
5M1894A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1894A U
	1,2,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1894A L
	3	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1895A L
MAINS <i>Set is half grooved. Suits from 12/78 to 08/81.</i>							
5M1894P STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1894 U
	1,2,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1894 L
	3L	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1895 L
THRUST <i>Inside diameter is 84.5mm.</i>							
2T1888 STD		84.500/3.3268 84.750/3.3366	100.750/3.9665 101.000/3.9764		2.50/.098	F250	1888T UL
THRUST <i>Inside diameter is 88mm.</i>							
2T1889 STD		88.000/3.4646 88.250/3.4744	100.750/3.9665 101.000/3.9764		2.50/.098	F250	1889T UL
CAMS							
3C8081 STD	1	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082
	2,3	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8081
CAMS							
4C8081 STD	1	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082
	2,3,4	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8081
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4073 UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	4RB4073
PISTON PIN BUSH							
RB4073 UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	RB4073

32 Engine Year Cyl Bore x Stroke 32

4BA1 2775cc Inline4 OHV 2v Diesel				01/1971 - 05/1988	L4	98.0mm x 92.0mm	
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B1886P STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170 63.944/2.5175	68.000/2.6772 68.015/2.6778	2.012/.0792	29.80/1.173	F780	1886 IH



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1848A STD, .25, .50, .75, 1.00	MAINS	<i>Suits from 1985 on.</i>						
	1,2,3,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F810	1848A U	
	1,2,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F810	1848A L	
	3	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F810	1849A L	
	MAINS	<i>Suits from 1985 on.</i>						
5M1848P STD, .25, .50, .75, 1.00	1,2,3,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F780	1848 U	
	1,2,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F780	1848 L	
	3	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F780	1849 L	
	MAINS	<i>Suits from 09/1981 to 10/1985.</i>						
	5M1885A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.525/.0994	27.83/1.096	F810	1885A IH
MAINS		<i>Suits from 09/1981 to 10/1985.</i>						
5M1885P STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.525/.0994	27.83/1.096	F780	1885 IH	
	MAINS	<i>Suits from 01/1971 to 11/1978. Bearings are fully grooved with notch width 5.8mm on both the upper and lower.</i>						
5M1887A STD, .25, .50, .75, 1.00		75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.513/.0989	27.70/1.091	F810	1887A IH	
	MAINS	<i>Suits from 01/1971 to 11/1978.</i>						
5M1887P STD, .25, .50, .75, 1.00		75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.513/.0989	27.70/1.091	F780	1887 IH	
	MAINS	<i>Set is half grooved. Suits from 12/78 to 08/81.</i>						
5M1894A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1894A U	
	1,2,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1894A L	
	3	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1895A L	
	MAINS	<i>Set is half grooved. Suits from 12/78 to 08/81.</i>						
	5M1894P STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1894 U
		1,2,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1894 L
3L		75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1895 L	
2T1888 STD	THRUST	<i>Inside diameter is 84.5mm.</i>						
		84.500/3.3268 84.750/3.3366	100.750/3.9665 101.000/3.9764		2.50/.098	F250	1888T UL	
2T1889 STD	THRUST	<i>Inside diameter is 88mm.</i>						
		88.000/3.4646 88.250/3.4744	100.750/3.9665 101.000/3.9764		2.50/.098	F250	1889T UL	
3C8081 STD	CAMS	1	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082
		2,3	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8081
	CAMS	1	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082
4C8081 STD		2,3,4	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8081

32 Continued ... 32

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 4. To suit 36mm tunnel.</i>							
4RB4285 UNB		32.990/1.2988	36.000/1.4173	1.530/.0602	38.00/1.496	F100	4RB4285
		33.000/1.2992	36.030/1.4185				
PISTON PIN BUSH <i>To suit 36mm tunnel.</i>							
RB4285 UNB		32.990/1.2988	36.000/1.4173	1.530/.0602	38.00/1.496	F100	RB4285
		33.000/1.2992	36.030/1.4185				

33 Engine Year Cyl Bore x Stroke 33

G130 1325cc Inline4 OHV 2v	12/1966 - 12/1972	L4	75.0mm x 75.0mm
G150 1471cc Inline4 OHV 2v	12/1966 - 01/1970	L4	79.0mm x 75.0mm
G160 1584cc Inline4 OHV 2v	01/1972 - 12/1979	L4	82.0mm x 75.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Small oil hole, notch end. To be superceded by 4B2821A.</i>							
4B2816A STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.985/2.0466	1.513/.0596	22.09/.870	F810	2816A IH
		48.940/1.9268	52.000/2.0472				
CONROD <i>Partial groove and oil hole at notch end.</i>							
4B2821A STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.987/2.0467	1.513/.0596	22.00/.866	F810	2821A IH
		48.940/1.9268	52.000/2.0472				
MAINS							
5M2817A STD, .25, .50, .75, 1.00, 1.25	1,3,5	55.920/2.2016	58.980/2.3220	1.513/.0596	32.13/1.265	F810	2817A IH
		55.935/2.2022	59.000/2.3228				
	2,4	55.920/2.2016	58.980/2.3220	1.513/.0596	21.08/.830	F810	2818A IH
		55.935/2.2022	59.000/2.3228				
THRUST							
1T1824 STD		63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
		64.000/2.5197	80.188/3.1570				
THRUST <i>To be superceded by 1T1824.</i>							
1T3286 STD, .25		62.610/2.4650	79.934/3.1470		2.36/.093	F817	3286T IH
		62.860/2.4748	80.188/3.1570				
CAMS							
3C6127 STD	1,2,3	44.975/1.7707	48.010/1.8902	1.500/.0591	25.40/1.000	F23	6127
		44.975/1.7707	48.030/1.8909				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4288 UNB			25.400/1.0000	1.760/.0693	26.00/1.024	F100	4RB4288
			25.420/1.0008				
PISTON PIN BUSH							
RB4288 UNB			25.400/1.0000	1.760/.0693	26.00/1.024	F100	RB4288
			25.420/1.0008				

34 Engine Year Cyl Bore x Stroke 34

G161 1584cc Inline4 OHV 2v	01/1980 - 12/1984	L4	82.0mm x 75.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Small oil hole, notch end. To be superceded by 4B2821A.</i>							
4B2816A STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.985/2.0466	1.513/.0596	22.09/.870	F810	2816A IH
		48.940/1.9268	52.000/2.0472				
CONROD <i>Partial groove and oil hole at notch end.</i>							
4B2821A STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.987/2.0467	1.513/.0596	22.00/.866	F810	2821A IH
		48.940/1.9268	52.000/2.0472				
MAINS							
5M2817A STD, .25, .50, .75, 1.00, 1.25	1,3,5	55.920/2.2016	58.980/2.3220	1.513/.0596	32.13/1.265	F810	2817A IH
		55.935/2.2022	59.000/2.3228				
	2,4	55.920/2.2016	58.980/2.3220	1.513/.0596	21.08/.830	F810	2818A IH
		55.935/2.2022	59.000/2.3228				
THRUST							
1T1824 STD		63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
		64.000/2.5197	80.188/3.1570				



34 Continued ...							34
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	THRUST	<i>To be superceded by 1T1824.</i>					
1T3286 STD, .25		62.610/2.4650	79.934/3.1470		2.36/.093	F817	3286T
		62.860/2.4748	80.188/3.1570				IH
3C6127 STD	CAMS 1,2,3	44.975/1.7707	48.010/1.8902	1.500/.0591	25.40/1.000	F23	6127
		44.975/1.7707	48.030/1.8909				

35 Engine		Year	Cyl	Bore x Stroke	35
G200Z 1949cc Inline4 SOHC 2v		01/1979 - 12/1990	L4	87.0mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Partial groove and oil hole at notch end.</i>					
4B2821A STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.987/2.0467	1.513/.0596	22.00/.866	F810	2821A
		48.940/1.9268	52.000/2.0472				IH
5M2809A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	55.920/2.2016	59.980/2.3614	2.008/.0791	21.86/.861	F810	2809A
		55.932/2.2020	60.000/2.3622				
5M2817A STD, .25, .50, .75, 1.00, 1.25	MAINS 1,3,5	55.920/2.2016	58.980/2.3220	1.513/.0596	32.13/1.265	F810	2817A
		55.935/2.2022	59.000/2.3228				IH
	2,4	55.920/2.2016	58.980/2.3220	1.513/.0596	21.08/.830	F810	2818A
		55.935/2.2022	59.000/2.3228				IH
1T1824 STD	THRUST	63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T
		64.000/2.5197	80.188/3.1570				IH
1T2809 STD	THRUST 3		80.200/3.1575		2.36/.093	F817	2809T
	THRUST	<i>To be superceded by 1T1824.</i>					
1T3286 STD, .25		62.610/2.4650	79.934/3.1470		2.36/.093	F817	3286T
		62.860/2.4748	80.188/3.1570				IH
5C6128A STD	CAMS 1,2,3,4,5	29.930/1.1783	32.985/1.2986	1.510/.0594	20.13/.793	F820	6128A
		29.945/1.1789	33.000/1.2992				IH

36 Engine		Year	Cyl	Bore x Stroke	36
G201 1951cc Inline4 SOHC 2v		01/1968 - 12/1979	L4	86.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	THRUST							
1T1192 STD		72.260/2.8449	86.610/3.4098		2.49/.098	F817	1192T	
		72.520/2.8551	86.860/3.4197				IH	
3C8116 STD	CAMS	<i>Suits until 12/1987.</i>						
		1	47.945/1.8876	52.015/2.0478	2.010/.0791	25.27/.995	F23	8116
			47.975/1.8888	52.035/2.0486				
		2	47.945/1.8876	52.015/2.0478	2.010/.0791	25.27/.995	F23	8117
		47.975/1.8888	52.035/2.0486					
	3	47.945/1.8876	52.015/2.0478	2.010/.0791	25.27/.995	F23	8118	
		47.975/1.8888	52.035/2.0486					

37 Engine		Year	Cyl	Bore x Stroke	37
6B61 6494cc Inline6 OHV 2v Diesel		01/1984 - On	L6	105.0mm x 125.0mm	
6B61-T 6494cc Inline6 OHV 2v Diesel		05/1985 - On	L6	105.0mm x 125.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B1886P STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886
		63.944/2.5175	68.015/2.6778				IH

37 Continued ...							37
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
7M1884P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6,7	<i>Half groove.</i>					
		79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1855 L
	1,2,3,4,5,6,7	79.925/3.1466	85.019/3.3472	2.518/.0991	26.70/1.051	F780	1884 U
		79.913/3.1462	85.000/3.3465				
2T1889 STD	THRUST	<i>Inside diameter is 88mm.</i>					
		88.000/3.4646	100.750/3.9665		2.50/.098	F250	1889T UL
6C8081 STD	CAMS 1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082
		55.970/2.2035	60.046/2.3640	1.995/.0785	20.00/.787	F23	8081
2 TO 6	55.945/2.2026	60.000/2.3622					
	55.970/2.2035	60.046/2.3640					
6RB4073 UNB	PISTON PIN BUSH	<i>Set of 6.</i>					
		34.995/1.3778	38.000/1.4961	1.740/.0685	38.00/1.496	F100	6RB4073
RB4073 UNB	PISTON PIN BUSH	35.000/1.3780	38.025/1.4970	1.530/.0602	38.00/1.496	F100	RB4073
		34.995/1.3778	38.000/1.4961				
35.000/1.3780	38.025/1.4970						

38 Engine				Year	Cyl	Bore x Stroke	38
4ZA1 1584cc Inline4 SOHC 2v				01/1981 - On	L4	82.0mm x 75.0mm	
4ZB1 1817cc Inline4 SOHC 2v				03/1981 - 06/1990	L4	84.0mm x 82.0mm	
4ZC1 1994cc Inline4 SOHC 2v				01/1986 - 12/1989	L4	88.0mm x 82.0mm	
4ZD1 2254cc Inline4 SOHC 2v				05/1984 - 01/1995	L4	89.3mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2821A STD, .25, .50, .75, 1.00, 1.25	CONROD	<i>Partial groove and oil hole at notch end.</i>					
		48.925/1.9262	51.987/2.0467	1.513/.0596	22.00/.866	F810	2821A IH
5M1882A STD, .25, .50, .75, 1.00, 1.50	MAINS 1,2,3,4,5	55.919/2.2015	59.980/2.3614	2.011/.0792	21.75/.856	F810	1882A U
		55.932/2.2020	60.000/2.3622				
1T1824 STD	THRUST	63.750/2.5098	79.934/3.1470	2.36/.093	F817	1824T IH	
		64.000/2.5197	80.188/3.1570				

39 Engine				Year	Cyl	Bore x Stroke	39
4ZE1 2559cc Inline4 SOHC 2v				08/1987 - 03/2003	L4	92.6mm x 95.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1820A STD, .25, .50, .75, 1.00	CONROD	<i>To be superseded by 4B2821A.</i>					
		48.927/1.9263	51.985/2.0466	1.510/.0594	22.00/.866	F810	1820A IH
4B2821A STD, .25, .50, .75, 1.00, 1.25	CONROD	<i>Partial groove and oil hole at notch end.</i>					
		48.940/1.9268	52.005/2.0474	1.513/.0596	22.00/.866	F810	2821A IH
48.925/1.9262	51.987/2.0467						
5M1824A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	55.919/2.2015	59.980/2.3614	2.008/.0791	21.75/.856	F810	1824A UL
		55.932/2.2020	60.000/2.3622				
1T1824 STD	THRUST	63.750/2.5098	79.934/3.1470	2.36/.093	F817	1824T IH	
		64.000/2.5197	80.188/3.1570				



40 Engine		Year		Cyl	Bore x Stroke		40
6BB1 5393cc Inline6 OHV 2v Diesel		06/1972 - 01/1984		L6	102.0mm x 110.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1886P STD, .25, .50, .75, 1.00		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886
		63.944/2.5175	68.015/2.6778				IH
MAINS <i>Suits from 05/80 on. Half groove.</i>							
7M1884P STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1855
		79.925/3.1466	85.019/3.3472				L
	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1884
		79.925/3.1466	85.019/3.3472				U
MAINS <i>Suits until 05/76.</i>							
7M1887P STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	75.913/2.9887	81.000/3.1890	2.513/.0989	27.70/1.091	F780	1887
		75.925/2.9892	81.011/3.1894				IH
MAINS <i>Suits from 06/76 to 04/80. Notch width is 6.03mm.</i>							
7M1888P STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1888
		79.925/3.1466	85.019/3.3472				U
	1,2,3,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1888
		79.925/3.1466	85.019/3.3472				L
	4	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1889
		79.925/3.1466	85.019/3.3472				L
THRUST <i>Inside diameter is 84.5mm.</i>							
2T1888 STD		84.500/3.3268	100.750/3.9665		2.50/.098	F250	1888T
		84.750/3.3366	101.000/3.9764				UL
THRUST <i>Inside diameter is 88mm.</i>							
2T1889 STD		88.000/3.4646	100.750/3.9665		2.50/.098	F250	1889T
		88.250/3.4744	101.000/3.9764				UL
CAMS							
6C8081 STD	1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082
		55.970/2.2035	60.046/2.3640				
	2 TO 6	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
		55.970/2.2035	60.046/2.3640				
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4073 UNB		34.995/1.3778	38.000/1.4961	1.740/.0685	38.00/1.496	F100	6RB4073
		35.000/1.3780	38.025/1.4970				
PISTON PIN BUSH							
RB4073 UNB		34.995/1.3778	38.000/1.4961	1.530/.0602	38.00/1.496	F100	RB4073
		35.000/1.3780	38.025/1.4970				

41 Engine		Year		Cyl	Bore x Stroke		41
6BD1 5785cc Inline6 OHV 2v Diesel		07/1975 - 12/1989		L6	102.0mm x 118.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1886P STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886
		63.944/2.5175	68.015/2.6778				IH
MAINS <i>Suits from 05/80 on. Half groove.</i>							
7M1884P STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1884
		79.925/3.1466	85.019/3.3472				U
	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1855
		79.925/3.1466	85.019/3.3472				L
MAINS <i>Suits until 05/76.</i>							
7M1887P STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	75.913/2.9887	81.000/3.1890	2.513/.0989	27.70/1.091	F780	1887
		75.925/2.9892	81.011/3.1894				IH
MAINS <i>Suits from 06/76 to 04/80. Notch width is 6.03mm.</i>							
7M1888P STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1888
		79.925/3.1466	85.019/3.3472				U
	1,2,3,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1888
		79.925/3.1466	85.019/3.3472				L

41 Continued ...							41	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
7M1888P STD, .25, .50, .75, 1.00	4	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1889 L	
		79.925/3.1466	85.019/3.3472					
2T1888 STD	THRUST	<i>Inside diameter is 84.5mm.</i>			2.50/.098	F250	1888T UL	
		84.500/3.3268	100.750/3.9665					
2T1889 STD	THRUST	<i>Inside diameter is 88mm.</i>			2.50/.098	F250	1889T UL	
		84.750/3.3366	101.000/3.9764					
6C8081 STD	CAMS	1	88.000/3.4646	100.750/3.9665	2.50/.098	F250	1889T UL	
			88.250/3.4744					101.000/3.9764
	2 TO 6	1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082
			55.970/2.2035	60.046/2.3640				
6RB4073 UNB	PISTON PIN BUSH	<i>Set of 6.</i>		1.740/.0685	38.00/1.496	F100	6RB4073	
		55.945/2.2026	60.000/2.3622					
RB4073 UNB	PISTON PIN BUSH	55.970/2.2035	60.046/2.3640	1.530/.0602	38.00/1.496	F100	RB4073	
		34.995/1.3778	38.000/1.4961					
		35.000/1.3780	38.025/1.4970					

42	Engine	Year	Cyl	Bore x Stroke	42
	6BD1-T 5785cc Inline6 OHV 2v Turbo Diesel	01/1978 - 12/1989	L6	102.0mm x 118.0mm	
	6BF1-T 6130cc Inline6 OHV 2v Turbo Diesel	10/1979 - 12/1988	L6	105.0mm x 118.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1886P STD, .25, .50, .75, 1.00, 1.25	CONROD	63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886 IH	
		63.944/2.5175	68.015/2.6778					
7M1884P STD, .25, .50, .75, 1.00	MAINS	<i>Suits from 05/80 on. Half groove.</i>		2.518/.0991	26.70/1.051	F780	1855 L	
		1,2,3,4,5,6,7	79.913/3.1462					85.000/3.3465
	1,2,3,4,5,6,7	79.925/3.1466	85.019/3.3472	2.518/.0991	26.70/1.051	F780	1884 U	
		79.913/3.1462	85.000/3.3465					
7M1889P STD, .25, .50	MAINS	<i>Suits until 04/80. Variable width shells, suits turbo only.</i>		2.518/.0991	26.70/1.051	F780	1884 U	
		1,2,3,4,5,6,7	79.913/3.1462					85.000/3.3465
	1,2,3,4,6,7	79.925/3.1466	85.019/3.3472	2.518/.0991	26.70/1.051	F780	1888 L	
		79.913/3.1462	85.000/3.3465					
	5	79.925/3.1466	85.019/3.3472	2.518/.0991	26.70/1.051	F780	1889 L	
		79.913/3.1462	85.000/3.3465					
2T1889 STD	THRUST	<i>Inside diameter is 88mm.</i>			2.50/.098	F250	1889T UL	
		88.000/3.4646	100.750/3.9665					
6C8081 STD	CAMS	1	88.250/3.4744	100.750/3.9665	2.50/.098	F250	1889T UL	
			101.000/3.9764					
6RB4073 UNB	PISTON PIN BUSH	<i>Set of 6.</i>		1.740/.0685	38.00/1.496	F100	6RB4073	
		55.945/2.2026	60.000/2.3622					
	RB4073 UNB	PISTON PIN BUSH	55.970/2.2035	60.046/2.3640	1.530/.0602	38.00/1.496	F100	RB4073
			34.995/1.3778	38.000/1.4961				
		35.000/1.3780	38.025/1.4970					



43 Engine		Year	Cyl	Bore x Stroke	43		
6VD1 3165cc V6 DOHC 4v		04/1992 - 12/2003	V6	93.4mm x 77.0mm			
6VD1 3165cc V6 SOHC 4v		04/1992 - 12/1997	V6	93.4mm x 77.0mm			
6VE1 3494cc V6 DOHC 4v		02/1998 - 12/2005	V6	93.4mm x 85.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1840A STD, .25, .50, .75, 1.00		53.922/2.1229	56.982/2.2434	1.513/.0596	17.12/.674	F810	1840A
		53.937/2.1235	57.000/2.2441				IH
MAINS							
4M1842A STD, .25, .50, .75, 1.00	1,4	63.919/2.5165	68.979/2.7157	2.527/.0995	18.50/.728	F810	1842A
		63.932/2.5170	68.999/2.7165				IH
	2,3	63.919/2.5165	68.979/2.7157	2.527/.0995	16.50/.650	F810	1843A
		63.932/2.5170	68.999/2.7165				UL
THRUST							
1T1842 STD		71.000/2.7953	97.550/3.8405		1.95/.077	F817	1842T
		71.250/2.8051	97.800/3.8504				IH
44 Engine		Year	Cyl	Bore x Stroke	44		
C190 1951cc Inline4 OHV 2v Diesel		01/1970 - 05/1988	L4	86.0mm x 84.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1320A STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834	55.980/2.2039	1.515/.0596	22.50/.886	F810	1320A
		52.930/2.0839	56.000/2.2047				IH
MAINS							
5M1188A STD, .25, .50, .75, 1.00, 1.25	1,5	<i>No 3 brg is 29mm wide.</i>		2.017/.0794	27.65/1.089	F810	1188A
		59.920/2.3591	63.975/2.5187				IH
		59.932/2.3595	64.000/2.5197				IH
	2,4	59.920/2.3591	63.975/2.5187	2.017/.0794	23.10/.909	F810	1194A
		59.932/2.3595	64.000/2.5197				IH
	3	59.920/2.3591	63.975/2.5187	2.017/.0794	28.85/1.136	F810	1189A
		59.932/2.3595	64.000/2.5197				IH
MAINS							
5M1193A STD, .25, .50, .75, 1.00, 1.25	1,5	<i>No 3 brg is 38mm wide.</i>		2.013/.0793	31.10/1.224	F810	1193A
		59.920/2.3591	63.975/2.5187				IH
		59.932/2.3595	64.000/2.5197				IH
	2,4	59.920/2.3591	63.975/2.5187	2.017/.0794	23.10/.909	F810	1194A
		59.932/2.3595	64.000/2.5197				IH
	3	59.920/2.3591	63.975/2.5187	2.013/.0793	38.10/1.500	F810	1195A
		59.932/2.3595	64.000/2.5197				IH
THRUST							
1T1192 STD		72.260/2.8449	86.610/3.4098		2.49/.098	F817	1192T
		72.520/2.8551	86.860/3.4197				IH
CAMS							
3C8116 STD	1	<i>Suits until 12/1987.</i>		2.010/.0791	25.27/.995	F23	8116
		47.945/1.8876	52.015/2.0478				
		47.975/1.8888	52.035/2.0486				
	2	47.945/1.8876	52.015/2.0478	2.010/.0791	25.27/.995	F23	8117
		47.975/1.8888	52.035/2.0486				
		3	47.945/1.8876	52.015/2.0478	2.010/.0791	25.27/.995	F23
		47.975/1.8888	52.035/2.0486				
CAMS							
3C8127 STD	C	<i>Suits from 1980 on.</i>		2.027/.0798	22.22/.875	F23	8128
		47.940/1.8874	51.999/2.0472				
		47.970/1.8886	52.034/2.0486				
	F	47.940/1.8874	51.999/2.0472	2.027/.0798	22.22/.875	F23	8127
		47.970/1.8886	52.034/2.0486				
		R	47.940/1.8874	51.999/2.0472	2.027/.0798	22.22/.875	F23
		47.970/1.8886	52.034/2.0486				
PISTON PIN BUSH							
4RB4058 UNB		<i>Set of 4. Bush is 34mm wide. Suits until 07/81.</i>		1.530/.0602	34.00/1.339	F100	4RB4058
		26.995/1.0628	30.000/1.1811				
		27.000/1.0630	30.025/1.1821				
PISTON PIN BUSH							
4RB4283 UNB		<i>Set of 4. Bush is 30mm wide. Suits until 1986.</i>		1.530/.0602	30.00/1.181	F100	4RB4283
		26.995/1.0628	30.000/1.1811				
		27.000/1.0630	30.025/1.1821				

44 Continued ... 44

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Bush is 34mm wide. Suits until 07/81.</i>							
RB4058 UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.730/.0681	34.00/1.339	F100	RB4058
PISTON PIN BUSH <i>Bush is 30mm wide. Suits until 1986.</i>							
RB4283 UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	30.00/1.181	F100	RB4283

45 Engine 45
C221 2207cc Inline4 SOHC 2v Diesel 12/1968 - 07/1979 Cyl L4 Bore x Stroke 83.0mm x 102.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1320A STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834 52.930/2.0839	55.980/2.2039 56.000/2.2047	1.515/.0596	22.50/.886	F810	1320A IH
MAINS							
5M1322A STD, .25, .50, .75, 1.00	1,5	69.920/2.7528 69.930/2.7531	73.980/2.9126 74.000/2.9134	2.014/.0793	30.63/1.206	F810	1322A IH
	2,4	69.920/2.7528 69.930/2.7531	73.980/2.9126 74.000/2.9134	2.014/.0793	21.53/.848	F810	1323A IH
	3	69.920/2.7528 69.930/2.7531	73.980/2.9126 74.000/2.9134	2.014/.0793	36.13/1.422	F810	1324A IH
	THRUST						
1T1893 STD		78.250/3.0807 78.500/3.0905	92.450/3.6398 92.700/3.6496		2.49/.098	F817	1893T IH
CAMS <i>Suits until 12/1987.</i>							
3C8116 STD	1	47.945/1.8876 47.975/1.8888	52.015/2.0478 52.035/2.0486	2.010/.0791	25.27/.995	F23	8116
	2	47.945/1.8876 47.975/1.8888	52.015/2.0478 52.035/2.0486	2.010/.0791	25.27/.995	F23	8117
	3	47.945/1.8876 47.975/1.8888	52.015/2.0478 52.035/2.0486	2.010/.0791	25.27/.995	F23	8118
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4013 UNB		24.995/.9841 25.000/.9843	27.995/1.1022 28.000/1.1024	1.960/.0772	34.29/1.350	F100	4RB4013
PISTON PIN BUSH							
RB4013 UNB		24.995/.9841 25.000/.9843	27.995/1.1022 28.000/1.1024	1.960/.0772	34.29/1.350	F100	RB4013

46 Engine 46
C223-T 2238cc Inline4 OHV 2v Turbo Diesel 01/1984 - 12/1996 Cyl L4 Bore x Stroke 89.0mm x 92.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1320A STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834 52.930/2.0839	55.980/2.2039 56.000/2.2047	1.515/.0596	22.50/.886	F810	1320A IH
MAINS <i>No 3 brg is 29mm wide.</i>							
5M1188A STD, .25, .50, .75, 1.00, 1.25	1,5	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.017/.0794	27.65/1.089	F810	1188A IH
	2,4	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.017/.0794	23.10/.909	F810	1194A IH
	3	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.017/.0794	28.85/1.136	F810	1189A IH
THRUST							
1T1192 STD		72.260/2.8449 72.520/2.8551	86.610/3.4098 86.860/3.4197		2.49/.098	F817	1192T IH
CAMS <i>Suits from 1980 on.</i>							
3C8127 STD	C	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8128



46 Continued ...							46
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
3C8127 STD	F	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8127
	R	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8129
	PISTON PIN BUSH <i>Set of 4. Bush is 30mm wide. Suits until 1986.</i>						
4RB4283 UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	30.00/1.181	F100	4RB4283
	PISTON PIN BUSH <i>Set of 4. Suits from 11/86 to 08/88.</i>						
4RB4284 UNB						F100	4RB4284
	PISTON PIN BUSH <i>Bush is 30mm wide. Suits until 1986.</i>						
RB4283 UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	30.00/1.181	F100	RB4283
	PISTON PIN BUSH <i>Suits from 11/86 to 08/88.</i>						
RB4284 UNB						F100	RB4284

47 Engine				Year	Cyl	Bore x Stroke	47
C223 2238cc Inline4 OHV 2v Diesel				12/1979 - 05/1990	L4	88.0mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1320A STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834 52.930/2.0839	55.980/2.2039 56.000/2.2047	1.515/.0596	22.50/.886	F810	1320A IH
	MAINS <i>No 3 brg is 29mm wide.</i>						
5M1188A STD, .25, .50, .75, 1.00, 1.25	1,5	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.017/.0794	27.65/1.089	F810	1188A IH
	2,4	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.017/.0794	23.10/.909	F810	1194A IH
	3	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.017/.0794	28.85/1.136	F810	1189A IH
	MAINS <i>No 3 brg is 38mm wide.</i>						
	1,5	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.013/.0793	31.10/1.224	F810	1193A IH
	2,4	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.017/.0794	23.10/.909	F810	1194A IH
3	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.013/.0793	38.10/1.500	F810	1195A IH	
THRUST							
1T1192 STD		72.260/2.8449 72.520/2.8551	86.610/3.4098 86.860/3.4197		2.49/.098	F817	1192T IH
	CAMS <i>Suits from 1980 on.</i>						
3C8127 STD	C	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8128
	F	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8127
	R	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8129
	PISTON PIN BUSH <i>Set of 4. Bush is 30mm wide. Suits until 1986.</i>						
4RB4283 UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	30.00/1.181	F100	4RB4283
	PISTON PIN BUSH <i>Set of 4. Suits from 11/86 to 08/88.</i>						
4RB4284 UNB						F100	4RB4284
	PISTON PIN BUSH <i>Bush is 30mm wide. Suits until 1986.</i>						
RB4283 UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	30.00/1.181	F100	RB4283

47 Continued ... 47

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Suits from 11/86 to 08/88.</i>							
RB4284 UNB						F100	RB4284

48 Engine 48
C240 2369cc Inline4 OHV 2v Diesel 12/1968 - 12/1988 L4 86.0mm x 102.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1320A STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834 52.930/2.0839	55.980/2.2039 56.000/2.2047	1.515/.0596	22.50/.886	F810	1320A IH
MAINS							
5M1322A STD, .25, .50, .75, 1.00	1,5	69.920/2.7528 69.930/2.7531	73.980/2.9126 74.000/2.9134	2.014/.0793	30.63/1.206	F810	1322A IH
	2,4	69.920/2.7528 69.930/2.7531	73.980/2.9126 74.000/2.9134	2.014/.0793	21.53/.848	F810	1323A IH
	3	69.920/2.7528 69.930/2.7531	73.980/2.9126 74.000/2.9134	2.014/.0793	36.13/1.422	F810	1324A IH
	THRUST						
1T1893 STD		78.250/3.0807 78.500/3.0905	92.450/3.6398 92.700/3.6496		2.49/.098	F817	1893T IH
CAMS <i>Suits until 12/1987.</i>							
3C8116 STD	1	47.945/1.8876 47.975/1.8888	52.015/2.0478 52.035/2.0486	2.010/.0791	25.27/.995	F23	8116
	2	47.945/1.8876 47.975/1.8888	52.015/2.0478 52.035/2.0486	2.010/.0791	25.27/.995	F23	8117
	3	47.945/1.8876 47.975/1.8888	52.015/2.0478 52.035/2.0486	2.010/.0791	25.27/.995	F23	8118
	CAMS <i>Suits from 1980 on.</i>						
3C8127 STD	C	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8128
	F	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8127
	R	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8129
	PISTON PIN BUSH <i>Set of 4. Bush is 34mm wide. Suits until 07/81.</i>						
4RB4058 UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	34.00/1.339	F100	4RB4058
PISTON PIN BUSH <i>Set of 4. Bush is 30mm wide. Suits until 1986.</i>							
4RB4283 UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	30.00/1.181	F100	4RB4283
PISTON PIN BUSH <i>Bush is 34mm wide. Suits until 07/81.</i>							
RB4058 UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.730/.0681	34.00/1.339	F100	RB4058
PISTON PIN BUSH <i>Bush is 30mm wide. Suits until 1986.</i>							
RB4283 UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	30.00/1.181	F100	RB4283

49 Engine 49
C330 3318cc Inline4 SOHC 2v Diesel 12/1970 - 12/1988 L4 98.0mm x 110.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1886P STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170 63.944/2.5175	68.000/2.6772 68.015/2.6778	2.012/.0792	29.80/1.173	F780	1886 IH
MAINS <i>Suits from 09/1981 to 10/1985.</i>							
5M1885A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.525/.0994	27.83/1.096	F810	1885A IH



49		Continued ...						49	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
MAINS <i>Bearings are fully grooved with notch width 5.8mm on both the upper and lower.</i>									
5M1887A STD, .25, .50, .75, 1.00		75.913/2.9887	81.000/3.1890	2.513/.0989	27.70/1.091	F810	1887A		
		75.925/2.9892	81.011/3.1894				IH		
5M1887P STD, .25, .50, .75, 1.00		75.913/2.9887	81.000/3.1890	2.513/.0989	27.70/1.091	F780	1887		
		75.925/2.9892	81.011/3.1894				IH		
2T1887 STD	THRUST	84.000/3.3071	101.000/3.9764		2.98/.117		1887T		
		84.000/3.3071	101.000/3.9764				UL		
2T1888 STD	THRUST	<i>Inside diameter is 84.5mm.</i>				2.50/.098	F250	1888T	
		84.500/3.3268	100.750/3.9665				UL		
3C8081 STD	CAMS	1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082	
			55.970/2.2035	60.046/2.3640					
			2,3	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
55.970/2.2035	60.046/2.3640								
4C8081 STD	CAMS	1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082	
			55.970/2.2035	60.046/2.3640					
			2,3,4	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
				55.970/2.2035	60.046/2.3640				
4RB4285 UNB	PISTON PIN BUSH	<i>Set of 4. To suit 36mm tunnel.</i>				38.00/1.496	F100	4RB4285	
		32.990/1.2988	36.000/1.4173	1.530/.0602					
4RB4286 UNB	PISTON PIN BUSH	<i>Set of 4. To suit 38mm tunnel.</i>				38.00/1.496	F100	4RB4286	
		32.980/1.2984	38.000/1.4961	2.530/.0996					
RB4285 UNB	PISTON PIN BUSH	<i>To suit 36mm tunnel.</i>				38.00/1.496	F100	RB4285	
		32.990/1.2988	36.000/1.4173	1.530/.0602					
RB4286 UNB	PISTON PIN BUSH	<i>To suit 38mm tunnel.</i>				38.00/1.496	F100	RB4286	
		32.980/1.2984	38.000/1.4961	2.530/.0996					
33.000/1.2992	36.030/1.4185								
33.000/1.2992	38.030/1.4972								
33.000/1.2992	36.030/1.4185								
33.000/1.2992	38.030/1.4972								
50 Engine		Year			Cyl	Bore x Stroke		50	
D500 4978cc Inline6 SOHC 2v Diesel		12/1970 - 12/1988			L6	98.0mm x 100.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
6B1886P STD, .25, .50, .75, 1.00	CONROD	63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886		
		63.944/2.5175	68.015/2.6778				IH		
7M1885P STD, .25, .50, .75, 1.00	MAINS	75.913/2.9887	81.000/3.1890	2.525/.0994	27.83/1.096	F780	1885		
		75.925/2.9892	81.011/3.1894				IH		
7M1887P STD, .25, .50, .75, 1.00	MAINS	75.913/2.9887	81.000/3.1890	2.513/.0989	27.70/1.091	F780	1887		
		75.925/2.9892	81.011/3.1894				IH		
2T1887 STD	THRUST	84.000/3.3071	101.000/3.9764		2.98/.117		1887T		
		84.000/3.3071	101.000/3.9764				UL		
2T1888 STD	THRUST	<i>Inside diameter is 84.5mm.</i>				2.50/.098	F250	1888T	
		84.500/3.3268	100.750/3.9665				UL		
6C8081 STD	CAMS	1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082	
			55.970/2.2035	60.046/2.3640					
			2 TO 6	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
				55.970/2.2035	60.046/2.3640				

50 Continued ... 50

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4287 UNB		32.990/1.2988	36.000/1.4173	1.530/.0602	38.00/1.496	F100	6RB4287
		33.000/1.2992	36.030/1.4185				
PISTON PIN BUSH							
RB4287 UNB		32.990/1.2988	36.000/1.4173	1.530/.0602	38.00/1.496	F100	RB4287
		33.000/1.2992	36.030/1.4185				

51 Engine Year Cyl Bore x Stroke 51
6BF1 6130cc Inline6 SOHC 2v Diesel 10/1979 - 12/1988 L6 105.0mm x 118.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1886P STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886 IH
		63.944/2.5175	68.015/2.6778				
MAINS <i>Suits from 05/80 on. Half groove.</i>							
7M1884P STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1855 L
		79.925/3.1466	85.019/3.3472				
	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1884 U
		79.925/3.1466	85.019/3.3472				
MAINS <i>Suits until 04/80. Notch width is 6.03mm.</i>							
7M1888P STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1888 U
		79.925/3.1466	85.019/3.3472				
	1,2,3,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1888 L
		79.925/3.1466	85.019/3.3472				
	4	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1889 L
		79.925/3.1466	85.019/3.3472				
THRUST <i>Inside diameter is 88mm.</i>							
2T1889 STD		88.000/3.4646	100.750/3.9665		2.50/.098	F250	1889T UL
		88.250/3.4744	101.000/3.9764				
CAMS							
6C8081 STD	1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082
		55.970/2.2035	60.046/2.3640				
	2 TO 6	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
		55.970/2.2035	60.046/2.3640				
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4073 UNB		34.995/1.3778	38.000/1.4961	1.740/.0685	38.00/1.496	F100	6RB4073
		35.000/1.3780	38.025/1.4970				
PISTON PIN BUSH							
RB4073 UNB		34.995/1.3778	38.000/1.4961	1.530/.0602	38.00/1.496	F100	RB4073
		35.000/1.3780	38.025/1.4970				

52 Engine Year Cyl Bore x Stroke 52
4HG1 4570cc Inline4 SOHC 2v Diesel 10/2000 - On L4 115.0mm x 110.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1836P STD, .25, .50, .75, 1.00, 1.25		65.902/2.5946	69.985/2.7553	2.013/.0793	30.40/1.197	F780	1836 IH
		65.922/2.5953	70.000/2.7559				
MAINS							
5M1837A STD, .25, .50, .75, 1.00	1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F810	1837A UL
		81.925/3.2254	87.019/3.4259				
MAINS							
5M1837P STD, .25, .50, .75, 1.00	1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F780	1837 UL
		81.925/3.2254	87.019/3.4259				
THRUST							
3T1837 STD		92.700/3.6496	109.750/4.3209		3.00/.118	F817	1838T IH
		92.950/3.6594	110.000/4.3307				
		92.700/3.6496	109.750/4.3209		3.00/.118	F817	1837T U
		92.950/3.6594	110.000/4.3307				



52 Continued ...							52
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5C8554A STD	CAMS 1,2,3,4,5	39.940/1.5724	43.000/1.6929	1.500/.0591	22.13/.871	F820	8554A IH
		39.975/1.5738	43.020/1.6937				
4RB4291 UNB	PISTON PIN BUSH	<i>Tapered bush. Set of 4.</i>		2.040/.0803	41.00/1.614	F100	4RB4291
		35.990/1.4169	40.000/1.5748				
RB4291 UNB	PISTON PIN BUSH	<i>Tapered bush.</i>		2.040/.0803	41.00/1.614	F100	RB4291
		35.990/1.4169	40.000/1.5748				
		36.000/1.4173	40.020/1.5756				

53 Engine				Year	Cyl	Bore x Stroke	53
4HE1-T 4751cc Inline4 SOHC 2v Turbo Diesel				05/1990 - On	L4	110.0mm x mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1854P STD, .25, .50, .75, 1.00	CONROD	72.920/2.8709		2.517/.0991	30.43/1.198	F780	1854 IH
		72.922/2.8709					
5M1837A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F810	1837A UL
		81.925/3.2254	87.019/3.4259				
5M1837P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F780	1837 UL
		81.925/3.2254	87.019/3.4259				
3T1837 STD	THRUST	92.700/3.6496	109.750/4.3209		3.00/.118	F817	1837T U
		92.950/3.6594	110.000/4.3307				
		92.700/3.6496	109.750/4.3209				
		92.950/3.6594	110.000/4.3307				
4RB4292 UNB	PISTON PIN BUSH	<i>Tapered bush. Set of 4.</i>		2.040/.0803	41.00/1.614	F100	4RB4292
			44.000/1.7323				
RB4292 UNB	PISTON PIN BUSH	<i>Tapered bush.</i>		2.040/.0803	41.00/1.614	F100	RB4292
			44.045/1.7341				
			44.000/1.7323				
			44.045/1.7341				

54 Engine				Year	Cyl	Bore x Stroke	54
6HE1 7127cc Inline6 SOHC Diesel				01/1992 - 12/1998	L6	110.0mm x 125.0mm	
6HH1 8226cc Inline6 SOHC Diesel				01/1998 - On	L6	115.0mm x 132.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1831P STD, .25, .50	CONROD	65.902/2.5946	69.985/2.7553	2.013/.0793	30.43/1.198	F781	1831 IH
		65.922/2.5953	70.000/2.7559				
7M1837P STD, .25, .50, .75, 1.00, 1.25	MAINS 1,2,3,4,5,6,7	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F780	1837 UL
		81.925/3.2254	87.019/3.4259				
3T1837 STD	THRUST	92.700/3.6496	109.750/4.3209		3.00/.118	F817	1837T U
		92.950/3.6594	110.000/4.3307				
		92.700/3.6496	109.750/4.3209				
		92.950/3.6594	110.000/4.3307				

Jaguar



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
2483cc Inline6 DOHC 2v	01/1949 - 01/1969	L6	2483	151	2
AJ25 2495cc V6 DOHC 4v	10/2001 - On	V6	2495	152	1
AJ30 2967cc V6 DOHC 4v	01/2000 - On	V6	2967	181	1
3442cc Inline6 DOHC 2v	01/1949 - 01/1969	L6	3442	210	2
3781cc Inline6 DOHC 2v	01/1959 - 01/1969	L6	3781	230	2
4.2L 258ci Inline6 DOHC 2v	01/1965 - 03/1987	L6	4227	258	3



1	Engine	Year	Cyl	Bore x Stroke	1
	AJ25 2495cc V6 DOHC 4v	10/2001 - On	V6	81.6mm x 79.5mm	
	AJ30 2967cc V6 DOHC 4v	01/2000 - On	V6	89.0mm x 79.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B4395A STD, .25, .50, .75		49.972/1.9674	53.015/2.0872	1.501/.0591	18.00/.709	F810	4395A IH
		49.990/1.9681	53.035/2.0880				
MAINS <i>Set includes thrustwasher.</i>							
4M7262A STD, .25, .50, .75	1,2,4,5	62.969/2.4791	67.998/2.6771	2.502/.0985	17.90/.705	F810	7262A UL
		62.992/2.4800	68.021/2.6780				
	3	62.969/2.4791	67.998/2.6771	2.502/.0985	22.30/.878	F810	7263A L
		62.992/2.4800	68.021/2.6780				
PISTON PIN BUSH							
RB4114 UNB			24.015/.9455	1.850/.0728	21.00/.827	F100	RB4114
			24.040/.9465				

2	Engine	Year	Cyl	Bore x Stroke	2
	2483cc Inline6 DOHC 2v	01/1949 - 01/1969	L6	83.0mm x 76.5mm	
	3442cc Inline6 DOHC 2v	01/1949 - 01/1969	L6	83.0mm x 106.0mm	
	3781cc Inline6 DOHC 2v	01/1959 - 01/1969	L6	87.0mm x 106.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2991 STD, 010, 020, 030, 040		52.974/2.0856	56.718/2.2330	1.849/.0728	24.76/.975	F780	2991 IH
		52.987/2.0861	56.731/2.2335				
MAINS							
7M2997 STD, 010, 020, 030	1,4,7	69.850/2.7500	74.079/2.9165	2.090/.0823	38.23/1.505	F780	2992 IH
		69.863/2.7505	74.092/2.9170				
	2,3,5,6	69.850/2.7500	74.079/2.9165	2.095/.0825	25.40/1.000	F780	2997 UL
		69.863/2.7505	74.092/2.9170				
THRUST							
1T3252 STD, 005		74.420/2.9299	91.950/3.6201		2.36/.093	F817	3252T IH
		74.670/2.9398	92.200/3.6299				
CAMS							
8C7696 STD	1 - 8	25.375/.9990	29.223/1.1505	1.911/.0752	33.45/1.317	F23	7696 IH
		25.387/.9995	29.235/1.1510				
PISTON PIN BUSH							
RB875		22.225/.8750	25.387/.9995	1.740/.0685	27.56/1.085	F100	RB875
		22.230/.8752	25.400/1.0000				

3	Engine	Year	Cyl	Bore x Stroke	3
	4.2L 258ci Inline6 DOHC 2v	01/1965 - 03/1987	L6	3.63in x 4.17in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2991 STD, 010, 020, 030, 040		52.974/2.0856	56.718/2.2330	1.849/.0728	24.76/.975	F780	2991 IH
		52.987/2.0861	56.731/2.2335				
MAINS							
7M2996 STD, 010, 020, 030	1,7	69.850/2.7500	74.079/2.9165	2.095/.0825	34.92/1.375	F780	2996 UL
		69.863/2.7505	74.092/2.9170				
	2,3,5,6	69.850/2.7500	74.079/2.9165	2.095/.0825	25.40/1.000	F780	2997 UL
		69.863/2.7505	74.092/2.9170				2998 IH
	4	69.850/2.7500	74.079/2.9165	2.095/.0825	28.70/1.130	F780	2998 IH
		69.863/2.7505	74.092/2.9170				
THRUST							
1T3252 STD, 005		74.420/2.9299	91.950/3.6201		2.36/.093	F817	3252T IH
		74.670/2.9398	92.200/3.6299				
CAMS							
8C7696 STD	1 - 8	25.375/.9990	29.223/1.1505	1.911/.0752	33.45/1.317	F23	7696 IH
		25.387/.9995	29.235/1.1510				



3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RB875	PISTON PIN BUSH	22.225/.8750	25.387/.9995	1.740/.0685	27.56/1.085	F100	RB875
		22.230/.8752	25.400/1.0000				



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
134ci (L134/F134) Inline4 OHV 2v	01/1947 - 12/1971	L4	2199	134	1
148ci (2.4L) (EDZ) Inline4 DOHC 4v	01/2002 - 12/2006	L4	2429	148	10
150ci (2.5L) Inline4 OHV 2v	06/1981 - 12/2002	L4	2464	150	2
151ci (2.5L) (Pontiac) Inline4 2v	01/1980 - 12/1983	L4	2474	151	11
R425 (VM) 2499cc Inline4 OHV 2v Turbo Diesel	01/2002 - 12/2004	L4	2499	152	15
173ci (2.8L) (Chev) V6 OHV 2v	01/1984 - 12/1987	V6	2834	173	12
225ci (3.7L) V6 OHV 2v (Buick)	01/1966 - 12/1971	V6	3687	224	3
3.7L (226ci) PowerTech V6 SOHC 2v	01/2002 - On	V6	3701	225	7
232ci Inline6 OHV 2v	01/1965 - 12/1979	L6	3801	232	6
4.0L (242ci) Inline6 OHV 2v	01/1987 - 03/2007	L6	3965	242	16
258ci Inline6 OHV 2v	01/1971 - 12/1990	L6	4227	258	6
4.7L (287ci) PowerTech V8 SOHC 2v	01/1999 - 12/2010	V8	4701	286	8
304ci (AMC) V8 OHV 2v	01/1971 - 12/1981	V8	4981	304	4
318ci V8 OHV 2v	01/1993 - 12/1998	V8	5211	318	13
5.7L (345ci) Hemi V8 OHV 2v	01/2005 - On	V8	5653	345	9
350ci V8 OHV 2v (Buick)	01/1969 - 12/1971	V8	5735	350	5
360ci (AMC) V8 OHV 2v	01/1973 - 12/1991	V8	5899	360	4
360ci V8 OHV 2v	01/1998 - 12/1998	V8	5899	360	14

1	Engine	Year	Cyl	Bore x Stroke	1
	134ci (L134/F134) Inline4 OHV 2v	01/1947 - 12/1971	L4	3.13in x 4.38in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B9955 STD, 010, 020, 030, 040, 050,		49.213/1.9375	51.897/2.0432	1.328/.0523	27.91/1.099	F23	9955 IH
		49.238/1.9385	51.918/2.0440				
MAINS							
<i>Has overwidth flanges for undersizes : 010/020 = Std + 0.10mm, 030 to 080 = Std + 0.20mm.</i>							
3M9958A STD, 010, 020, 030, 040, 050,		59.261/2.3331	62.967/2.4790	1.836/.0723	44.57/1.755	F820	9958AL UL
		59.286/2.3341	62.992/2.4800				
		59.261/2.3331	63.221/2.4890	1.963/.0773	46.17/1.818	F820	9957AL UL
		59.286/2.3341	63.246/2.4900				
		59.260/2.3331	63.475/2.4990	2.086/.0821	48.79/1.921	F820	9956AL UL
		59.286/2.3341	63.500/2.5000				

2	Engine	Year	Cyl	Bore x Stroke	2
	150ci (2.5L) Inline4 OHV 2v	06/1981 - 12/2002	L4	3.88in x 3.19in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B960A STD, 001, 010, 020, 030, 040,		53.208/2.0948	56.083/2.2080	1.425/.0561	21.26/.837	F810	1480A IH	
		53.226/2.0955	56.096/2.2085					
MAINS								
5M1568A STD, 010, 020, 030,	1,2,4,5	63.470/2.4988	68.351/2.6910	2.421/.0953	25.04/.986	F810	8872A UL	
		63.487/2.4995	68.377/2.6920					
	3	63.470/2.4988	68.351/2.6910	2.421/.0953	32.26/1.270	F810	8873A(F) UL	
		63.487/2.4995	68.377/2.6920					
MAINS								
<i>Centrally located notch in upper bearing shell.</i>								
5M1948A STD, 10, 20, 30	1,3,4,5	63.470/2.4988	68.351/2.6910	2.421/.0953	25.04/.986	F810	8872A L	
		63.487/2.4995	68.377/2.6920					
	1,3,4,5	63.470/2.4988	68.351/2.6910	2.421/.0953	25.04/.986	F810	8874A U	
		63.487/2.4995	68.377/2.6920					
	2	63.470/2.4988	68.351/2.6910	2.421/.0953	32.26/1.270	F810	8873A(F) L	
		63.487/2.4995	68.377/2.6920					
	2	63.470/2.4988	68.351/2.6910	2.421/.0953	32.26/1.270	F810	8875A(F) U	
		63.487/2.4995	68.377/2.6920					
	CAMS							
	<i>Full round cam.</i>							
4C549S STD	1	51.549/2.0295	54.750/2.1555	1.575/.0620	17.65/.695	F23	8886	
		51.575/2.0305	54.775/2.1565					
	2	51.295/2.0195	54.496/2.1455	1.575/.0620	17.65/.695	F23	8887	
		51.321/2.0205	54.521/2.1465					
	3	51.041/2.0095	54.242/2.1355	1.575/.0620	17.65/.695	F23	8888	
	51.067/2.0105	54.267/2.1365						
	4	50.787/1.9995	53.988/2.1255	1.575/.0620	17.65/.695	F23	8889	
		50.813/2.0005	54.013/2.1265					

3	Engine	Year	Cyl	Bore x Stroke	3
	225ci (3.7L) V6 OHV 2v (Buick)	01/1966 - 12/1971	V6	3.75in x 3.40in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>18.84mm wide.</i>							
6B610A STD, 10, 20, 30, 40		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A IH
		50.813/2.0005	53.980/2.1252				
MAINS							
<i>STD width flanges on all undersizes.</i>							
4M960A STD, 001, 010, 020, 030, 040	1,3	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9015A UL
		63.500/2.5000	68.275/2.6880				
	2	63.475/2.4990	68.250/2.6870	2.365/.0931	26.87/1.058	F810	9017A(F) UL
		63.500/2.5000	68.275/2.6880				
	4	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9016A L
		63.500/2.5000	68.275/2.6880				
	4	63.470/2.4988	68.250/2.6870	2.365/.0931	22.07/.869	F810	9019A U
		63.500/2.5000	68.275/2.6880				



3 Continued ... 3

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CAMS							
4C506S STD	1	44.577/1.7550 44.602/1.7560	47.892/1.8855 47.943/1.8875	1.631/.0642	19.18/.755	F23	5332
	2	43.815/1.7250 43.840/1.7260	47.130/1.8555 47.181/1.8575	1.631/.0642	19.18/.755	F23	5333
	3	43.053/1.6950 43.078/1.6960	46.368/1.8255 46.419/1.8275	1.631/.0642	19.18/.755	F23	5334
	4	42.291/1.6650 42.316/1.6660	45.606/1.7955 45.657/1.7975	1.631/.0642	19.18/.755	F23	5335

4 Engine Year Cyl Bore x Stroke 4

304ci (AMC) V8 OHV 2v 01/1971 - 12/1981 V8 3.75in x 3.44in
 360ci (AMC) V8 OHV 2v 01/1973 - 12/1991 V8 4.08in x 3.44in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
8B960A STD, 01, 10, 20, 30, 40		53.208/2.0948 53.226/2.0955	56.083/2.2080 56.096/2.2085	1.425/.0561	21.26/.837	F810	1480A IH	
	MAINS <i>Fully Grooved.</i>							
5M1041A STD, 010, 020, 030, 040	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/.0958	23.57/.928	F810	1484A L	
	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/.0958	23.57/.928	F810	1482A U	
	3	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/.0958	32.26/1.270	F810	1483A(F) UL	
	CAMS							
	5C671S STD, 010	1	53.835/2.1195 53.861/2.1205	57.036/2.2455 57.061/2.2465	1.580/.0622	23.50/.925	F23	N-9-1
		2	53.073/2.0895 53.099/2.0905	56.274/2.2155 56.299/2.2165	1.580/.0622	16.00/.630	F23	N-8-2
3		52.311/2.0595 52.337/2.0605	55.512/2.1855 55.537/2.1865	1.580/.0622	16.00/.630	F23	N-8-3	
4		51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.580/.0622	16.00/.630	F23	N-8-4	
5		50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.580/.0622	16.00/.630	F23	N-8-5	

5 Engine Year Cyl Bore x Stroke 5

350ci V8 OHV 2v (Buick) 01/1969 - 12/1971 V8 3.80in x 3.85in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B610A STD, 010, 020, 030, 040		50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/.0618	18.84/.742	F810	2226A IH
	MAINS						
5M1457A STD, 010, 020, 030	1,2,4	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/.0935	21.97/.865	F810	7134A UL
	3	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/.0935	26.87/1.058	F810	7135A(F) UL
	5	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/.0935	21.97/.865	F810	7137A UL
	CAMS						
5C680S STD	1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	19.18/.755	F23	5316
	2,3,4,5	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	15.88/.625	F23	5317

6	Engine	Year	Cyl	Bore x Stroke	6
	232ci Inline6 OHV 2v	01/1965 - 12/1979	L6	3.75in x 3.50in	
	258ci Inline6 OHV 2v	01/1971 - 12/1990	L6	3.75in x 3.90in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B960A STD, 001, 10, 20, 30, 40		53.208/2.0948	56.083/2.2080	1.425/.0561	21.26/.837	F810	1480A
		53.226/2.0955	56.096/2.2085				IH
MAINS							
7M704A STD, 10, 20, 30, 40	1,2,4,5,6,7	63.470/2.4988	68.351/2.6910	2.421/.0953	25.04/.986	F810	8872A
		63.487/2.4995	68.377/2.6920				UL
	3	63.470/2.4988	68.351/2.6910	2.421/.0953	32.26/1.270	F810	8873A(F)
		63.487/2.4995	68.377/2.6920				UL
CAMS <i>Full round cam.</i>							
4C549S STD	1	51.549/2.0295	54.750/2.1555	1.575/.0620	17.65/.695	F23	8886
		51.575/2.0305	54.775/2.1565				
	2	51.295/2.0195	54.496/2.1455	1.575/.0620	17.65/.695	F23	8887
		51.321/2.0205	54.521/2.1465				
	3	51.041/2.0095	54.242/2.1355	1.575/.0620	17.65/.695	F23	8888
	51.067/2.0105	54.267/2.1365					
	4	50.787/1.9995	53.988/2.1255	1.575/.0620	17.65/.695	F23	8889
		50.813/2.0005	54.013/2.1265				

7	Engine	Year	Cyl	Bore x Stroke	7
	3.7L (226ci) PowerTech V6 SOHC 2v	01/2002 - On	V6	93.0mm x 90.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>This part has no locating notch.</i>							
6B7200A STD, .25, .50		57.897/2.2794	61.194/2.4092	1.641/.0646	16.64/.655	F810	7200A
		57.904/2.2797	61.206/2.4097				IH
CONROD							
6B7201A STD, .25, .50		57.897/2.2794	61.194/2.4092	1.641/.0646	16.64/.655	F810	7201A
		57.904/2.2797	61.206/2.4097				IH
MAINS							
4M7214A STD, .25, .50, .75, 1.00	1,2,3,4	63.495/2.4998	68.395/2.6927	2.443/.0962	20.63/.812	F810	7214A
		63.505/2.5002	68.405/2.6931				UL
MAINS <i>Set includes 1 set of thrustwashers 1T7214</i>							
4M7214A+2T STD, .25, .50, .75, 1.00		71.000/2.7953	91.000/3.5827		2.54/.100	F817	7214T
		71.250/2.8051	91.250/3.5925				UL
	1,2,3,4	63.495/2.4998	68.395/2.6927	2.443/.0962	20.63/.812	F810	7214A
		63.505/2.5002	68.405/2.6931				UL
THRUST							
1T7214 STD		71.000/2.7953	91.000/3.5827		2.54/.100	F817	7214T
		71.250/2.8051	91.250/3.5925				UL

8	Engine	Year	Cyl	Bore x Stroke	8
	4.7L (287ci) PowerTech V8 SOHC 2v	01/1999 - 12/2010	V8	93.0mm x 86.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearings do not have notches.</i>							
8B7206A STD, .25, .50, .75		50.996/2.0077	53.992/2.1257	1.491/.0587	16.64/.655	F810	7206A
		51.003/2.0080	54.005/2.1262				IH
CONROD <i>Bearing contains a notch.</i>							
8B7210A STD, .25, .50, .75, 1.00		50.996/2.0077	53.992/2.1257	1.491/.0587	16.64/.655	F810	7210A
		51.003/2.0080	54.005/2.1262				IH
CONROD <i>.002" oversize OD version of 8B7210A.</i>							
8B7210AO/S2 STD, .25, .50, .75, 1.00		50.996/2.0077	54.042/2.1276	1.641/.0646	16.64/.655	F810	9092A
		51.003/2.0080	54.055/2.1281				IH
MAINS							
5M7214A STD, .25, .50, .75, 1.00	1,2,3,4,5	63.495/2.4998	68.395/2.6927	2.443/.0962	20.63/.812	F810	7214A
		63.505/2.5002	68.405/2.6931				UL



8 Continued ...							8	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M7214A+2T STD, .25, .50, .75, 1.00	1,2,3,4,5	MAINS <i>Set includes 1 set of thrustwashers 1T7214</i>		71.000/2.7953	91.000/3.5827	2.54/.100	F817	7214T UL
		71.250/2.8051	91.250/3.5925	2.443/.0962	20.63/.812	F810	7214A UL	
		63.495/2.4998	68.395/2.6927					
		63.505/2.5002	68.405/2.6931					
1T7214 STD		THRUST		71.000/2.7953	91.000/3.5827	2.54/.100	F817	7214T UL
		71.250/2.8051	91.250/3.5925					
5C5170A Std, .25	1,2,3,4,5	CAMS <i>Cam tower repair inserts.</i>		25.975/1.0226	29.119/1.1464	1.562/.0615	F810	5172A U
		25.995/1.0234	29.144/1.1474	1.562/.0615	14.70/.579	F810	5171A L	
		25.975/1.0226	29.119/1.1464					
		25.995/1.0234	29.144/1.1474	1.562/.0615	14.70/.579	F810	5170A U	
		25.975/1.0226	29.119/1.1464					
25.995/1.0234	29.144/1.1474							

9 Engine				Year	Cyl	Bore x Stroke	9		
5.7L (345ci) Hemi V8 OHV 2v				01/2005 - On	V8	99.5mm x 90.9mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
8B1808A STD, .25, .50		CONROD		53.993/2.1257	57.206/2.2522	1.590/.0626	20.10/.791	F810	7211A IH
		54.008/2.1263	57.219/2.2527						
RACE SERIES 8B1808H STD, .025, .25		CONROD		53.993/2.1257	57.206/2.2522	1.585/.0624	18.75/.738	F781	7211H UL
		54.008/2.1263	57.219/2.2527						
RACE SERIES 8B1808HX STD		CONROD <i>0.001" extra oil clearance on STD journal.</i>		53.993/2.1257	57.206/2.2522	1.572/.0619	18.75/.738	F781	7211HX UL
		54.008/2.1263	57.219/2.2527						
8B1808P STD, .25, .50		CONROD		53.992/2.1257	57.206/2.2522	1.590/.0626	20.10/.791	F780	7211 IH
		54.008/2.1263	57.219/2.2527						
5M2220A STD, .25, .50	1,2,3,4,5	MAINS		64.996/2.5589	69.893/2.7517	2.439/.0960	21.60/.850	F810	7216A UL
		65.004/2.5592	69.906/2.7522						
RACE SERIES 5M2220H STD, .025, .25	1,2,3,4,5	MAINS		64.996/2.5589	69.893/2.7517	2.434/.0958	21.10/.831	F780	7216H UL
		65.004/2.5592	69.906/2.7522						
RACE SERIES 5M2220HX STD	1,2,3,4,5	MAINS <i>0.001" extra oil clearance on STD journal.</i>		64.996/2.5589	69.893/2.7517	2.421/.0953	21.10/.831	F780	7216HX UL
		65.004/2.5592	69.906/2.7522						
1T611S STD		THRUST		72.644/2.8600			2.59/.102	F817	7216T UL
		73.152/2.8800							

10 Engine				Year	Cyl	Bore x Stroke	10		
148ci (2.4L) (EDZ) Inline4 DOHC 4v				01/2002 - 12/2006	L4	87.5mm x 101.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B4565A STD, .25, .50, .75, 1.00		CONROD		50.007/1.9688	52.995/2.0864	1.483/.0584	20.13/.793	F810	4565A IH
		50.025/1.9695	53.007/2.0869						
5M7313A STD, .25, .50, .75	1,2,4,5	MAINS		59.992/2.3619	64.000/2.5197	1.984/.0781	21.72/.855	F810	7312A IH
		60.007/2.3625	64.013/2.5202						
	3	MAINS		59.992/2.3619	64.000/2.5197	1.984/.0781	27.86/1.097	F810	7313A(F) UL
		60.007/2.3625	64.013/2.5202						



11 Engine				Year	Cyl	Bore x Stroke	11
151ci (2.5L) (Pontiac) Inline4 2v				01/1980 - 12/1983	L4	4.00in x 3.00in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Supersedes 4B610P.</i>							
4B610A STD, 10, 20, 30, 40		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A
		50.813/2.0005	53.980/2.1252				IH
MAINS <i>Standard width thrust for all undersizes.</i>							
5M1733A STD, 01, 10, 20, 30, 40	1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
		58.402/2.2993	63.287/2.4916				UL
	5	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F810	7133A(F)
		58.402/2.2993	63.287/2.4916				UL
CAMS							
3C1030S STD		47.452/1.8682	50.775/1.9990	1.638/.0645	22.10/.870	F23	5157
		47.478/1.8692	50.825/2.0010				

12 Engine				Year	Cyl	Bore x Stroke	12
173ci (2.8L) (Chev) V6 OHV 2v				01/1984 - 12/1987	V6	88.9mm x 76.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
6B1238A STD, 01, 10, 20, 30, 40		50.759/1.9984	53.962/2.1245	1.575/.0620	18.29/.720	F810	7116A	
		50.785/1.9994	53.988/2.1255				IH	
MAINS <i>For engines 1980-85 with 63.3mm small journal design.</i>								
4M1494A STD, 010, 020, 030, 40	1	63.340/2.4937	68.250/2.6870	2.426/.0955	24.64/.970	F810	7117A	
		63.363/2.4946	68.275/2.6880				UL	
	2	63.340/2.4937	68.250/2.6870	2.426/.0955	18.85/.742	F810	7118A	
		63.363/2.4946	68.275/2.6880				UL	
	3	63.340/2.4937	68.250/2.6870	2.426/.0955	23.93/.942	F810	7119A(F)	
		63.363/2.4946	68.275/2.6880				UL	
	4	63.340/2.4937	68.250/2.6870	2.426/.0955	31.70/1.248	F810	7120A	
		63.363/2.4946	68.275/2.6880				UL	
MAINS <i>For engines 1985 on with 67.2mm large journal design.</i>								
4M2037A STD, .25, .50, .75, 1.00		67.239/2.6472	72.149/2.8405	2.426/.0955	24.80/.976	F810	7237A	
		67.264/2.6482	72.174/2.8415				UL	
		67.239/2.6472	72.149/2.8405	2.426/.0955	18.75/.738	F810	7238A	
		67.264/2.6482	72.174/2.8415				UL	
		67.239/2.6472	72.149/2.8405	2.426/.0955	23.93/.942	F810	7239A(F)	
		67.264/2.6482	72.174/2.8415				UL	
CAMS								
4C1102S STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7207	
		47.490/1.8697	51.079/2.0110					
	2,3	47.440/1.8677	50.775/1.9990	1.630/.0642	16.13/.635	F23	7198	
		47.490/1.8697	50.825/2.0010					
	4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199	
		47.490/1.8697	51.079/2.0110					
	CAMS <i>Alternative to 4C1102S with 18.42mm/0.725" wide #2 & #3 bushes.</i>							
	4C1102SW STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7197
47.490/1.8697			51.079/2.0110					
2,3		47.440/1.8677	51.029/2.0090	1.760/.0693	18.42/.725	F23	7208	
		47.490/1.8697	51.079/2.0110					
4		47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199	
		47.490/1.8697	51.079/2.0110					

13 Engine				Year	Cyl	Bore x Stroke	13
318ci V8 OHV 2v				01/1993 - 12/1998	V8	3.91in x 3.31in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B481A STD, 010, 020, 030, 040		53.950/2.1240	57.150/2.2500	1.585/.0624	21.52/.847	F810	2700A
		53.975/2.1250	57.163/2.2505				IH



13 Continued ...								13	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
RACE SERIES 8B481H STD, 001, 010	CONROD	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.582/.0623	21.52/.847	F781	2700H UL		
RACE SERIES 8B481HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.569/.0618	21.52/.847	F781	2700HX UL
8B481P STD, 010, 020, 030, 040	CONROD	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/.0624	21.52/.847	F780	2700 IH		
5M1344A STD, 01, 10, 20, 30, 40	MAINS	<i>Flange OD is 3.530". Position 1,2,3,4 have half groove. Position 5 is full groove.</i>							
	1,2,4	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/.0959	22.27/.877	F810	4352A UL		
	3	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/.0959	29.26/1.152	F810	4357A(F) L		
	3	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/.0959	29.26/1.152	F810	2703A(F) U		
	5	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/.0959	33.70/1.327	F810	4354A UL		
5C1112S STD	CAMS								
	1	50.750/1.9980 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.638/.0645	22.39/.881	F23	4630		
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/.0645	16.00/.630	F23	4667		
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/.0645	15.75/.620	F23	4668		
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	15.75/.620	F23	4669		
	5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/.0645	24.13/.950	F23	4639		

14 Engine				Year	Cyl	Bore x Stroke	14		
360ci V8 OHV 2v				01/1998 - 12/1998	V8	101.6mm x 90.9mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
8B481A STD, 010, 020, 030, 040	CONROD	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/.0624	21.52/.847	F810	2700A IH		
RACE SERIES 8B481H STD, 001, 010	CONROD	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.582/.0623	21.52/.847	F781	2700H UL		
RACE SERIES 8B481HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.569/.0618	21.52/.847	F781	2700HX UL
8B481P STD, 010, 020, 030, 040	CONROD	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/.0624	21.52/.847	F780	2700 IH		
5M1266A STD, 001, 010, 020, 030	MAINS	<i>Flange OD is 3.910".</i>							
	1,2,4	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	22.28/.877	F810	2705A IH		
	3	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	29.26/1.152	F810	2706A(F) IH		
	5	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	31.98/1.259	F810	2709A UL		
5C1112S STD	CAMS								
	1	50.750/1.9980 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.638/.0645	22.39/.881	F23	4630		
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/.0645	16.00/.630	F23	4667		
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/.0645	15.75/.620	F23	4668		

14 Continued ... **14**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5C112S STD	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	15.75/.620	F23	4669
	5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/.0645	24.13/.950	F23	4639

15 Engine **15**

Year **Cyl** **Bore x Stroke**

R425 (VM) 2499cc Inline4 OHV 2v Turbo Diesel 01/2002 - 12/2004 L4 92.0mm x 94.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Contains one pair only.</i>							
1B1090P STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090
		53.955/2.1242	57.582/2.2670				IH
4B1090P STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090
		53.955/2.1242	57.582/2.2670				IH
5M1091A STD, .25, .50, .75, 1.00	1	62.995/2.4801	67.025/2.6388	2.000/.0787	28.25/1.112	F810	1091A
		63.010/2.4807	67.050/2.6398				
	2,3,4	63.005/2.4805	66.670/2.6248	1.820/.0717	28.00/1.102	F810	1094A
		63.020/2.4811	66.687/2.6255				IH
	5	69.985/2.7553 70.000/2.7559	75.005/2.9529 75.030/2.9539	2.510/.0988	22.25/.876	F810	1092A
1T1093 STD		74.250/2.9232	88.000/3.4646		2.36/.093	F817	1093T
		74.500/2.9331	88.100/3.4685				IH
PISTON PIN BUSH							
RB4154 UNB		29.990/1.1807	34.000/1.3386		30.12/1.186	F100	RB4154
		29.996/1.1809	34.025/1.3396				

16 Engine **16**

Year **Cyl** **Bore x Stroke**

4.0L (242ci) Inline6 OHV 2v 01/1987 - 03/2007 L6 3.90in x 3.41in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
6B960A STD, 001, 10, 20, 30, 40		53.208/2.0948	56.083/2.2080	1.425/.0561	21.26/.837	F810	1480A	
		53.226/2.0955	56.096/2.2085				IH	
7M704A STD, 10, 20, 30, 40	1,2,4,5,6,7	63.470/2.4988	68.351/2.6910	2.421/.0953	25.04/.986	F810	8872A	
		63.487/2.4995	68.377/2.6920				UL	
	3	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/.0953	32.26/1.270	F810	8873A(F) UL	
MAINS <i>Central notch in upper shell.</i>								
7M8874A STD, 010, 020, 030	1,2,4,5,6,7	63.470/2.4988	68.351/2.6910	2.421/.0953	25.04/.986	F810	8872A	
		63.487/2.4995	68.377/2.6920				UL	
	1,2,4,5,6,7	63.470/2.4988	68.351/2.6910	2.421/.0953	25.04/.986	F810	8874A	
		63.487/2.4995	68.377/2.6920				U	
	3	63.470/2.4988	68.351/2.6910	2.421/.0953	32.26/1.270	F810	8873A(F)	
		63.487/2.4995	68.377/2.6920				UL	
	3	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/.0953	32.26/1.270	F810	8875A(F) U	
	CAMS <i>Full round cam.</i>							
	4C549S STD	1	51.549/2.0295	54.750/2.1555	1.575/.0620	17.65/.695	F23	8886
			51.575/2.0305	54.775/2.1565				
2		51.295/2.0195	54.496/2.1455	1.575/.0620	17.65/.695	F23	8887	
		51.321/2.0205	54.521/2.1465					
3		51.041/2.0095 51.067/2.0105	54.242/2.1355 54.267/2.1365	1.575/.0620	17.65/.695	F23	8888	
4	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.575/.0620	17.65/.695	F23	8889		



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
B1 1138cc Inline4 SOHC 2v	03/1987 - 12/1995	L4	1138	69	1
B3 1323cc Inline4 SOHC 2v	01/1990 - 12/2001	L4	1323	80	2
A5D 1493cc Inline4 DOHC 4v	01/2000 - 12/2005	L4	1493	91	9
B5 1498cc Inline4 SOHC 4v	01/1992 - 12/1997	L4	1498	91	2
B6 1597cc Inline4 DOHC 4v	09/1993 - 12/2005	L4	1597	97	3
BP 1840cc Inline4 DOHC 4v	01/1995 - 12/1997	L4	1840	112	3
FE-D 1998cc Inline4 DOHC 4v	01/1994 - 12/2003	L4	1998	121	10
F2 2184cc Inline4 SOHC 3v	01/1992 - 12/2003	L4	2184	133	4
HW 2209cc Inline4 2v Diesel	01/1989 - 12/1997	L4	2209	134	5
S2 2209cc Inline4 OHV 2v Diesel	01/1979 - 12/1990	L4	2209	134	8
VN (RFA) 2662cc Inline4 2v Diesel	01/1992 - On	L4	2662	162	6
J2 2665cc Inline4 SOHC 2v Diesel	03/1997 - On	L4	2665	162	7
J3-T 2903cc Inline4 SOHC 2v Turbo Diesel	01/2001 - On	L4	2903	177	7
J2 2957cc Inline4 SOHC 2v Diesel	03/1997 - On	L4	2967	181	7

1 Engine		Year		Cyl	Bore x Stroke	1	
B1 1138cc Inline4 SOHC 2v		03/1987 - 12/1995		L4	68.0mm x 78.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8331A STD, .25, .50, .75, 1.00, 1.25		39.939/1.5724	43.000/1.6929	1.515/.0596	17.00/.669	F810	8331A IH
		39.954/1.5730	43.019/1.6937				
MAINS <i>Set is half groove.</i>							
5M8353A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A U
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8353A L
		49.956/1.9668	54.018/2.1267				
RACE SERIES							
5M8353H							
STD, .025, .25, .50	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H L
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H U
		49.956/1.9668	54.018/2.1267				
RACE SERIES							
5M8353HX							
STD	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8354HX U
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8353HX L
		49.956/1.9668	54.018/2.1267				
MAINS <i>0.001" extra oil clearance on STD journal.</i>							
5M8354A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A IH
		49.956/1.9668	54.018/2.1267				
THRUST							
1T8353 STD		57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T IH
		57.350/2.2579	68.830/2.7098				

2 Engine		Year		Cyl	Bore x Stroke	2	
B3 1323cc Inline4 SOHC 2v		01/1990 - 12/2001		L4	71.0mm x 83.6mm		
B5 1498cc Inline4 SOHC 4v		01/1992 - 12/1997		L4	78.0mm x 78.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8331A STD, .25, .50, .75, 1.00, 1.25		39.939/1.5724	43.000/1.6929	1.515/.0596	17.00/.669	F810	8331A IH
		39.954/1.5730	43.019/1.6937				
MAINS <i>Set is half groove.</i>							
5M8353A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A U
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8353A L
		49.956/1.9668	54.018/2.1267				
RACE SERIES							
5M8353H							
STD, .025, .25, .50	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H L
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H U
		49.956/1.9668	54.018/2.1267				
RACE SERIES							
5M8353HX							
STD	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8353HX L
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8354HX U
		49.956/1.9668	54.018/2.1267				
MAINS <i>0.001" extra oil clearance on STD journal.</i>							
1T8353 STD		57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T IH
		57.350/2.2579	68.830/2.7098				



3 Engine		Year		Cyl	Bore x Stroke		3
B6 1597cc Inline4 DOHC 4v		09/1993 - 12/2005		L4	78.0mm x 83.6mm		
BP 1840cc Inline4 DOHC 4v		01/1995 - 12/1997		L4	83.0mm x 85.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8351A STD, .25, .50, .75, 1.00		44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F810	8351A IH
		44.956/1.7699	48.016/1.8904				
RACE SERIES 4B8351H STD, .025, .25, .50		44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F781	8351H IH
		44.956/1.7699	48.016/1.8904				
RACE SERIES 4B8351HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.502/.0591	17.00/.669	F781	8351HX IH
		44.940/1.7693	48.000/1.8898				
		44.956/1.7699	48.016/1.8904				
MAINS							
		<i>Set is half groove.</i>					
5M8353A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A U
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8353A L
		49.956/1.9668	54.018/2.1267				
RACE SERIES 5M8353H STD, .025, .25, .50	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H L
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H U
		49.956/1.9668	54.018/2.1267				
RACE SERIES 5M8353HX STD	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		2.000/.0787	17.63/.694	F780	8353HX L
		49.938/1.9661	53.998/2.1259				
	1,2,3,4,5	49.956/1.9668	54.018/2.1267	2.000/.0787	17.63/.694	F780	8354HX U
		49.938/1.9661	53.998/2.1259				
		49.956/1.9668	54.018/2.1267				
THRUST							
1T8353 STD		57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T IH
		57.350/2.2579	68.830/2.7098				
PISTON PIN BUSH							
4RB4108 UNB		<i>Set of 4.</i>		1.720/.0677	21.80/.858	F100	4RB4108
		19.993/.7871					
PISTON PIN BUSH							
RB4108 UNB				1.720/.0677	21.80/.858	F100	RB4108
		19.993/.7871					

4 Engine		Year		Cyl	Bore x Stroke		4	
F2 2184cc Inline4 SOHC 3v		01/1992 - 12/2003		L4	86.0mm x 94.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B8140A STD, .25, .50, .75, 1.00		<i>Is plain bearing, no oil holes.</i>						
		50.940/2.0055	54.002/2.1261	1.510/.0594	21.13/.832	F810	8140A IH	
	50.955/2.0061	54.027/2.1270						
MAINS								
		<i>Half groove set. Overwidth flange for undersizes: Std = Std, 0.25 = Std+0.10mm, 0.50 = Std+0.18mm, 0.75/1.00 = Std+0.26mm.</i>						
5M8133A STD, .25, .50, .75, 1.00	1,2,3,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8133A L	
		59.955/2.3604	64.019/2.5204					
		1,2,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8134A U
			59.955/2.3604	64.019/2.5204				
		3	59.937/2.3597	64.000/2.5197	2.014/.0793	27.99/1.102	F810	8135A(F) U
			59.955/2.3604	64.019/2.5204				

5 Engine				Year	Cyl	Bore x Stroke	5
HW 2209cc Inline4 2v Diesel				01/1989 - 12/1997	L4	86.0mm x 94.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has small oil hole.</i>					
4B2130A STD, .25, .50, .75, 1.00, 1.50		50.940/2.0055	54.002/2.1261	1.510/.0594	21.13/.832	F810	2130A IH
		50.955/2.0061	54.017/2.1266				
5M2134A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5.	59.940/2.3598	63.999/2.5196	2.007/.0790	19.13/.753	F810	2134A IH
		59.955/2.3604	64.019/2.5204				
	3	59.940/2.3598	63.999/2.5196	2.007/.0790	21.13/.832	F810	2135A IH
		59.955/2.3604	64.019/2.5204				
6 Engine				Year	Cyl	Bore x Stroke	6
VN (RFA) 2662cc Inline4 2v Diesel				01/1992 - On	L4		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8600A STD, .25, .50, .75, 1.00		57.112/2.2485	60.833/2.3950	1.838/.0724	26.70/1.051	F810	8600A IH
		57.125/2.2490	60.846/2.3955				
5M8602A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	75.000/2.9528	80.071/3.1524	2.508/.0987	27.30/1.075	F810	8602A UL
			80.091/3.1532				
2T1777 STD	THRUST	84.700/3.3346	101.150/3.9823		2.33/.092	F817	1777T UL
		84.950/3.3445	101.400/3.9921				
7 Engine				Year	Cyl	Bore x Stroke	7
J2 2665cc Inline4 SOHC 2v Diesel				03/1997 - On	L4	94.5mm x 95.0mm	
J2 2957cc Inline4 SOHC 2v Diesel				03/1997 - On	L4		
J3-T 2903cc Inline4 SOHC 2v Turbo Diesel				01/2001 - On	L4	97.1mm x 98.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8600A STD, .25, .50, .75, 1.00		57.112/2.2485	60.833/2.3950	1.838/.0724	26.70/1.051	F810	8600A IH
		57.125/2.2490	60.846/2.3955				
5M8601A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	70.000/2.7559		2.008/.0791	27.13/1.068	F810	8601A UL
2T1748 STD	THRUST	73.500/2.8937	90.300/3.5551		2.33/.092	F250	1748T UL
		73.500/2.8937	90.300/3.5551				
4RB4088 UNB, STD	PISTON PIN BUSH		33.000/1.2992	1.700/.0669	34.30/1.350	F100	4RB4088
			33.020/1.3000				
RB4088 UNB	PISTON PIN BUSH		33.000/1.2992	1.700/.0669	34.30/1.350	F100	RB4088
			33.020/1.3000				
8 Engine				Year	Cyl	Bore x Stroke	8
S2 2209cc Inline4 OHV 2v Diesel				01/1979 - 12/1990	L4	88.9mm x 89.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1750A STD, .25, .50, .75, 1.00		52.987/2.0861	56.683/2.2316	1.833/.0722	28.60/1.126	F810	1750A IH
		53.000/2.0866	56.696/2.2321				
5M1748A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	64.987/2.5585	68.987/2.7160	1.983/.0781	28.60/1.126	F810	1748A U
		65.000/2.5591	69.000/2.7165				
	1,2,4,5	64.987/2.5585	68.987/2.7160	1.983/.0781	28.60/1.126	F810	1748A L
		65.000/2.5591	69.000/2.7165				



8 Continued ...							8
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1748A STD, .25, .50, .75, 1.00	3	64.987/2.5585	68.987/2.7160	1.983/.0781	28.60/1.126	F810	1749A L
		65.000/2.5591	69.000/2.7165				
2T1748 STD	THRUST	73.500/2.8937	90.300/3.5551		2.33/.092	F250	1748T UL
		73.500/2.8937	90.300/3.5551				
4RB4068 UNB	PISTON PIN BUSH	Set of 4.		1.730/.0681	26.80/1.055	F100	4RB4068
		28.000/1.1024	30.987/1.2200				
RB4068 UNB	PISTON PIN BUSH	28.000/1.1024	30.987/1.2200	1.730/.0681	26.80/1.055	F100	RB4068
		28.000/1.1024	31.000/1.2205				

9 Engine				Year	Cyl	Bore x Stroke	9
A5D 1493cc Inline4 DOHC 4v				01/2000 - 12/2005	L4	75.5mm x 83.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8351A STD, .25, .50, .75, 1.00	CONROD	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F810	8351A IH
		44.956/1.7699	48.016/1.8904				
RACE SERIES 4B8351H STD, .025, .25, .50	CONROD	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F781	8351H IH
		44.956/1.7699	48.016/1.8904				
RACE SERIES 4B8351HX STD	CONROD	0.001" extra oil clearance on STD journal.		1.502/.0591	17.00/.669	F781	8351HX IH
		44.940/1.7693	48.000/1.8898				
5M8353A STD, .25, .50, .75, 1.00	MAINS	Set is half groove.		2.013/.0793	17.63/.694	F810	8354A U
		49.938/1.9661	53.998/2.1259				
	1,2,3,4,5	49.956/1.9668	54.018/2.1267	2.013/.0793	17.63/.694	F810	8353A L
		49.938/1.9661	53.998/2.1259				
	1,2,3,4,5	49.956/1.9668	54.018/2.1267	2.013/.0793	17.63/.694	F780	8354H U
		49.938/1.9661	53.998/2.1259				
RACE SERIES 5M8353H STD, .025, .25, .50	MAINS	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H L
		49.956/1.9668	54.018/2.1267				
RACE SERIES 5M8353HX STD	MAINS	0.001" extra oil clearance on STD journal.		2.000/.0787	17.63/.694	F780	8354HX U
		49.938/1.9661	53.998/2.1259				
	1,2,3,4,5	49.956/1.9668	54.018/2.1267	2.000/.0787	17.63/.694	F780	8353HX L
		49.938/1.9661	53.998/2.1259				
1T8353 STD	THRUST	57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T IH
		57.350/2.2579	68.830/2.7098				

10 Engine				Year	Cyl	Bore x Stroke	10
FE-D 1998cc Inline4 DOHC 4v				01/1994 - 12/2003	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8140A STD, .25, .50, .75, 1.00	CONROD	Is plain bearing, no oil holes.		1.510/.0594	21.13/.832	F810	8140A IH
		50.940/2.0055	54.002/2.1261				
	MAINS	50.955/2.0061	54.027/2.1270	2.014/.0793	19.13/.753	F810	8134A U
		59.940/2.3598	64.000/2.5197				
5M8142A STD, .25, .50, .75	1,2,3,4,5	59.955/2.3604	64.019/2.5204	2.014/.0793	19.13/.753	F810	8133A L
		59.940/2.3598	64.000/2.5197				
	1,2,3,4,5	59.955/2.3604	64.019/2.5204				
		59.940/2.3598	64.000/2.5197				
2T2134 STD	THRUST	68.800/2.7087	84.000/3.3071		2.05/.081	F250	2134T UL
		69.050/2.7185	84.250/3.3169				

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
A112 A.000 903cc Inline4 2v	03/1981 - 06/1986	L4	903	55	24
A112 A5.000 903cc Inline4 2v	03/1981 - 06/1986	L4	903	55	24
A112 B2.000 903cc Inline4 2v	03/1981 - 06/1986	L4	903	55	24
A112 B1.000 965cc Inline4 2v	03/1984 - 12/1986	L4	965	58	24
156 A2.000 999cc Inline4 SOHC 2v	03/1985 - 02/1990	L4	999	60	25
156 A2.048 999cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	999	60	25
156 A2.100 999cc Inline4 SOHC 2v	06/1985 - 06/1991	L4	999	60	25
156 A2.146 999cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	999	60	25
156 A2.246 999cc Inline4 SOHC 2v	10/1987 - 02/1992	L4	999	60	25
156 A2.256 999cc Inline4 SOHC 2v	10/1987 - 02/1992	L4	999	60	25
156 A.000 1049cc Inline4 SOHC 2v	03/1985 - 07/1989	L4	1049	64	19
156 A1.000 1049cc Inline4 SOHC 2v Turbo	03/1985 - 02/1989	L4	1049	64	19
156 C.000 1108cc Inline4 SOHC 2v	08/1989 - 06/1992	L4	1108	67	25
156 C.046 1108cc Inline4 SOHC 2v	07/1989 - 12/1995	L4	1108	67	25
176 B2.000 1108cc Inline4 SOHC 2v	01/1995 - 09/2003	L4	1108	67	25
831 B8.000 1116cc Inline4 SOHC 2v	01/1986 - 12/1990	L4	1116	68	22
176 B9.000 1242cc Inline4 DOHC 4v	04/1997 - 09/2003	L4	1242	75	26
188 A4.000 1242cc Inline4 SOHC 2v	03/1996 - 12/2011	L4	1242	75	26
188 A5.000 1242cc Inline4 SOHC 2v	10/2000 - 12/2011	L4	1242	75	26
840 A3.000 1242cc Inline4 SOHC 2v	03/1996 - 09/2003	L4	1242	75	26
146 A5.046 1297cc Inline4 SOHC 2v	02/1989 - 12/1995	L4	1297	79	19
156 B.000 1301cc Inline4 SOHC 2v	11/1987 - 12/1995	L4	1301	79	19
831 A2.000 1301cc Inline4 2v	09/1979 - 08/1992	L4	1301	79	21
831 B.000 1301cc Inline4 2v	09/1979 - 08/1992	L4	1301	79	21
828 D3.000 1367cc Inline4 2v	12/1981 - 12/1984	L4	1367	83	5
192 B2.000 1368cc Inline4 DOHC 4v	10/2007 - On	L4	1368	83	26
350 A1.000 1368cc Inline4	09/2005 - On	L4	1368	83	26
843 A1.000 1368cc Inline4 DOHC 4v	10/2003 - On	L4	1368	83	26
840 A2.000 1370cc Inline4 3v	10/1996 - 09/2003	L4	1370	83	20
840 A4.000 1370cc Inline4 3v	03/1996 - 09/2003	L4	1370	83	20
160 A1.046 1372cc Inline4 SOHC 2v	10/1994 - 08/1999	L4	1372	83	23
836 A4.000 1372cc Inline4 SOHC 2v	10/1994 - 08/1999	L4	1372	83	23
828 A2.000 1438cc Inline4 2v	08/1973 - 07/1976	L4	1438	87	21
138 C2.048 1499cc Inline4 SOHC 2v	09/1985 - 02/1992	L4	1499	91	2
831 A1.000 1499cc Inline4 SOHC 2v	09/1979 - 12/1992	L4	1499	91	23
831 B1.000 1499cc Inline4 SOHC 2v	09/1979 - 12/1992	L4	1499	91	2
831 B1.048 1499cc Inline4 SOHC 2v	09/1985 - 02/1992	L4	1499	91	2
159 B9.000 1581cc Inline4 SOHC 2v	07/1994 - 07/1999	L4	1581	96	3
182 A4.000 1581cc Inline4 DOHC 4v	01/1996 - 10/2005	L4	1581	96	3
182 A6.000 1581cc Inline4 DOHC 4v	03/1996 - 08/1999	L4	1581	96	3
835 A1.000 1581cc Inline4 SOHC 2v	08/1989 - 06/1994	L4	1581	96	3
835 A1.046 1581cc Inline4 SOHC 2v	08/1989 - 03/1993	L4	1581	96	3
835 C1.000 1581cc Inline4 SOHC 2v	04/1993 - 08/1999	L4	1581	96	3
149 C2.000 1585cc Inline4 2v	05/1987 - 08/1992	L4	1585	96	5
828 B.000 1585cc Inline4 2v	08/1973 - 01/1987	L4	1585	96	5
831 A4.000 1585cc Inline4 2v	11/1982 - 04/1986	L4	1585	96	5
831 A7.000 1585cc Inline4 2v Turbo	10/1983 - 12/1986	L4	1585	96	10
831 B3.000 1585cc Inline4 2v Turbo	08/1986 - 08/1988	L4	1585	96	10
831 B6.000 1585cc Inline4 2v	08/1986 - 02/1992	L4	1585	96	5
831 B7.000 1585cc Inline4 2v	05/1986 - 12/1989	L4	1585	96	5
831 B7.046 1585cc Inline4 2v Turbo	04/1987 - 03/1989	L4	1585	96	10
182 B6.000 1596cc Inline4 DOHC 4v	10/2000 - 10/2005	L4	1596	97	3
182 A2.000 1747cc Inline4 DOHC 4v	03/1996 - 08/1999	L4	1747	106	27
183 A1.000 1747cc Inline4 DOHC 4v	03/1996 - 08/1999	L4	1747	106	27
839 A4.000 1747cc Inline4 DOHC 4v	07/1999 - 10/2005	L4	1747	106	27
839 A7.000 1747cc Inline4 DOHC 4v	07/1999 - 10/2005	L4	1747	106	27
839 A9.000 1747cc Inline4 DOHC 4v	07/1999 - 10/2005	L4	1747	106	27
828 A1.000 1756cc Inline4 2v	08/1973 - 07/1976	L4	1756	107	6



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
835 A2.000 1756cc Inline4 2v	09/1989 - 06/1994	L4	1756	107	8
835 A2.046 1756cc Inline4 2v	09/1989 - 07/1999	L4	1756	107	8
835 C2.000 1756cc Inline4 2v	06/1993 - 08/1999	L4	1756	107	8
835 C4.000 1756cc Inline4 2v	07/1994 - 08/1999	L4	1756	107	8
835 C5.000 1756cc Inline4 2v	08/1993 - 07/1999	L4	1756	107	8
836 A2.046 1756cc Inline4 2v	09/1989 - 07/1999	L4	1756	107	8
836 A5.000 1756cc Inline4 2v	07/1994 - 07/1999	L4	1756	107	8
836 A6.000 1756cc Inline4 2v	07/1994 - 08/1999	L4	1756	107	8
836 C4.000 1756cc Inline4 2v	07/1994 - 08/1999	L4	1756	107	8
188 B2.000 1910cc Inline4 DOHC 2v Turbo Diesel	10/2004 - On	L4	1910	116	13
844 A1.000 1910cc Inline4 DOHC 4v Twin Turbo Diesel	01/2009 - On	L4	1910	116	15
937 A2.000 1910cc Inline4 SOHC 2v Turbo Diesel	05/2001 - 10/2005	L4	1910	116	13
937 A5.000 1910cc Inline4 DOHC 4v Turbo Diesel	06/2003 - On	L5	1910	116	15
AR32302 1910cc Inline4 SOHC 2v Turbo Diesel	07/1999 - 09/2000	L4	1910	116	13
AR37101 1910cc Inline4 SOHC 2v Turbo Diesel	09/2000 - 05/2001	L4	1910	116	13
160 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	04/1989 - 08/1999	L4	1929	117	29
831 D.000 1929cc Inline4 SOHC 2v Diesel	01/1983 - 02/1992	L4	1929	117	11
831 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	05/1985 - 12/1989	L4	1929	117	11
835 A4.000 1929cc Inline4 SOHC 2v Turbo Diesel	04/1989 - 08/1999	L4	1929	117	29
835 A4.046 1929cc Inline4 SOHC 2v Turbo Diesel	04/1989 - 07/1999	L4	1929	117	29
134 A5.000 1995cc Inline4 2v	09/1975 - 05/1981	L4	1995	121	7
175 A4.000 1995cc Inline4 4v Turbo	07/1996 - 08/1999	L4	1995	121	1
828 B1.000 1995cc Inline4 2v	04/1976 - 10/1986	L4	1995	121	5
828 B4.000 1995cc Inline4 2v	05/1980 - 01/1987	L4	1995	121	7
828 B7.000 1995cc Inline4 2v	08/1983 - 05/1985	L4	1995	121	7
831 B4.000 1995cc Inline4 2v	04/1986 - 12/1989	L4	1995	121	8
831 B5.000 1995cc Inline4 2v Turbo	11/1986 - 08/1988	L4	1995	121	12
831 C5.000 1995cc Inline4 2v Turbo	10/1987 - 02/1989	L4	1995	121	12
831 C5.046 1995cc Inline4 2v Turbo	12/1986 - 12/1992	L4	1995	121	12
831 D5.000 1995cc Inline4 4v Turbo	03/1989 - 09/1991	L4	1995	121	1
831 E5.000 1995cc Inline4 4v Turbo	06/1993 - 01/1994	L4	1995	121	1
831 E5.046 1995cc Inline4 4v Turbo	06/1993 - 01/1994	L4	1995	121	1
834 B.000 1995cc Inline4 2v	11/1984 - 09/1988	L4	1995	121	8
834 B.048 1995cc Inline4 2v	03/1986 - 09/1988	L4	1995	121	8
834 B.146 1995cc Inline4 2v	09/1987 - 05/1992	L4	1995	121	8
834 B1.000 1995cc Inline4 2v	09/1988 - 05/1992	L4	1995	121	8
834 B2.000 1995cc Inline4 4v	05/1988 - 08/1992	L4	1995	121	9
834 B2.246 1995cc Inline4 4v	02/1989 - 05/1992	L4	1995	121	9
834 C.000 1995cc Inline4 2v Turbo	11/1984 - 12/1987	L4	1995	121	12
834 C.146 1995cc Inline4 2v Turbo	07/1986 - 03/1992	L4	1995	121	12
834 C1.000 1995cc Inline4 4v Turbo	12/1988 - 06/1990	L4	1995	121	1
834 C1.246 1995cc Inline4 4v Turbo	04/1989 - 03/1993	L4	1995	121	1
834 F1.000 1995cc Inline4 4v	05/1992 - 07/1994	L4	1995	121	1
834 F2.000 1995cc Inline4 4v Turbo	10/1992 - 07/1994	L4	1995	121	1
835 A5.000 1995cc Inline4 2v	09/1989 - 07/1992	L4	1995	121	9
835 A5.046 1995cc Inline4 2v	09/1989 - 07/1999	L4	1995	121	12
835 A7.000 1995cc Inline4 2v Turbo	05/1990 - 07/1994	L4	1995	121	12
835 A7.046 1995cc Inline4 2v Turbo	11/1990 - 07/1994	L4	1995	121	12
835 A8.000 1995cc Inline4 2v Turbo	11/1990 - 06/1994	L4	1995	121	12
835 A8.046 1995cc Inline4 2v Turbo	04/1991 - 07/1999	L4	1995	121	1
836 A2.000 1995cc Inline4 4v Turbo	06/1993 - 08/1999	L4	1995	121	1
836 A3.000 1995cc Inline4 4v	06/1993 - 08/1999	L4	1995	121	1
838 A4.000 1995cc Inline4 4v Turbo	02/1995 - 10/2001	L4	1995	121	1
175 A3.000 1998cc Inline5 SOHC 2v Turbo	06/1998 - 10/2001	L5	1998	121	28
182 B7.000 1998cc Inline5 DOHC 4v	07/1999 - 09/2000	L5	1998	121	28
185 A8.000 1998cc Inline5 DOHC 4v	09/2000 - 10/2005	L5	1998	121	28
838 A1.000 1998cc Inline5 DOHC 4v	10/1994 - 10/2001	L5	1998	121	28
838 A6.000 1998cc Inline5 DOHC 4v	07/1996 - 10/2001	L5	1998	121	28

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
841 E.000 1998cc Inline5 DOHC 4v Turbo	07/2002 - 07/2009	L5	1998	121	28
838 A3.000 2387cc Inline5 SOHC 2v Turbo Diesel	08/1994 - 10/2001	L5	2387	145	14
838 A7.000 2387cc Inline5 SOHC 2v Turbo Diesel	08/1994 - 10/2001	L5	2387	145	14
838 A8.000 2387cc Inline5 SOHC 2v Turbo Diesel	06/1998 - 10/2001	L5	2387	145	14
839 A5.000 2387cc Inline5 DOHC 4v Turbo Diesel	07/1999 - 02/2001	L5	2387	145	17
839 A6.000 2387cc Inline5 SOHC 2v Turbo Diesel	09/2000 - 10/2005	L5	2387	145	14
841 C.000 2387cc Inline5 SOHC 2v Turbo Diesel	05/2002 - 07/2009	L4	2387	145	14
841 G.000 2387cc Inline5 DOHC 4v Turbo Diesel	05/2003 - 07/2009	L5	2387	145	16
841 H.000 2387cc Inline5 DOHC 4v Turbo Diesel	06/2003 - On	L5	2387	145	16
841 M.000 2387cc Inline5 DOHC 4v Turbo Diesel	09/2003 - 07/2009	L5	2387	145	16
AR32501 2387cc Inline5 SOHC 2v Turbo Diesel	07/1999 - 02/2001	L5	2387	145	14
838 A2.000 2446cc Inline5 4v	08/1994 - 10/2001	L5	2446	149	18
838 A2.027 2446cc Inline5 4v	08/1994 - 10/2001	L4	2446	149	18
834 F.000 2959cc V6 2v	08/1992 - 07/1994	V6	2959	180	4
838 B.000 2959cc V6 4v	08/1994 - 10/2001	V6	2959	180	4
841 A.000 2959cc V6 4v	07/2002 - 07/2009	V6	2959	180	4



1	Engine	Year	Cyl	Bore x Stroke	1
	175 A4.000 1995cc Inline4 4v Turbo	07/1996 - 08/1999	L4	84.0mm x 90.0mm	
	831 D5.000 1995cc Inline4 4v Turbo	03/1989 - 09/1991	L4	84.0mm x 90.0mm	
	831 E5.000 1995cc Inline4 4v Turbo	06/1993 - 01/1994	L4	84.0mm x 90.0mm	
	831 E5.046 1995cc Inline4 4v Turbo	06/1993 - 01/1994	L4	84.0mm x 90.0mm	
	834 C1.000 1995cc Inline4 4v Turbo	12/1988 - 06/1990	L4	84.0mm x 90.0mm	
	834 C1.246 1995cc Inline4 4v Turbo	04/1989 - 03/1993	L4	84.0mm x 90.0mm	
	834 F1.000 1995cc Inline4 4v	05/1992 - 07/1994	L4	84.0mm x 90.0mm	
	834 F2.000 1995cc Inline4 4v Turbo	10/1992 - 07/1994	L4	84.0mm x 90.0mm	
	835 A8.046 1995cc Inline4 2v Turbo	04/1991 - 07/1999	L4	84.0mm x 90.0mm	
	836 A2.000 1995cc Inline4 4v Turbo	06/1993 - 08/1999	L4	84.0mm x 90.0mm	
	836 A3.000 1995cc Inline4 4v	06/1993 - 08/1999	L4	84.0mm x 90.0mm	
	838 A4.000 1995cc Inline4 4v Turbo	02/1995 - 10/2001	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Notch 4.37mm wide.</i>							
4B2822A STD, 010, 020		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F810	2822A IH
		50.807/2.0003	53.913/2.1226				
CONROD <i>Notch 4.37mm wide.</i>							
4B2822P STD, 010, 020		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F780	2822 IH
		50.807/2.0003	53.913/2.1226				
CONROD							
RACE SERIES 4B2904H STD, .025, .25		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F781	2904H IH
		50.807/2.0003	53.913/2.1226				
CONROD <i>0.001" extra oil clearance on STD journal.</i>							
RACE SERIES 4B2904HX STD		50.787/1.9995	53.897/2.1219	1.523/.0600	19.50/.768	F781	2904HX IH
		50.807/2.0003	53.913/2.1226				
MAINS							
5M2834A STD, .25, .50	1,2,4,5	52.990/2.0862	56.717/2.2329	1.843/.0726	20.75/.817	F810	2834A IH
		53.010/2.0870	56.736/2.2337				
	3	52.990/2.0862	56.717/2.2329				
		53.010/2.0870	56.735/2.2337				2835A IH
MAINS							
RACE SERIES 5M2908H STD, .025, .25	1,2,4,5	52.991/2.0863	56.717/2.2329	1.843/.0726	20.75/.817	F780	2908H IH
		53.000/2.0866	56.735/2.2337				
	3	52.991/2.0863	56.717/2.2329				
		53.000/2.0866	56.735/2.2337				2909H IH
MAINS							
RACE SERIES 5M2908HX STD	1,2,4,5	52.991/2.0863	56.717/2.2329	1.830/.0720	20.75/.817	F780	2908HX IH
		53.000/2.0866	56.735/2.2337				
THRUST							
1T2827A STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				
PISTON PIN BUSH							
RB4159		21.539/.8480	25.000/.9843		25.10/.988	F100	RB4159
		21.641/.8520	25.021/.9851				

2	Engine	Year	Cyl	Bore x Stroke	2
	138 C2.048 1499cc Inline4 SOHC 2v	09/1985 - 02/1992	L4	86.4mm x 63.9mm	
	831 B1.000 1499cc Inline4 SOHC 2v	09/1979 - 12/1992	L4	86.4mm x 63.9mm	
	831 B1.048 1499cc Inline4 SOHC 2v	09/1985 - 02/1992	L4	86.4mm x 63.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>3 oil holes.</i>							
4B1441A STD, 010, 020, 030		45.508/1.7916	48.629/1.9145	1.547/.0609	19.20/.756	F810	1441A IH
		45.528/1.7924	48.646/1.9152				
MAINS							
5M1053A STD, 010, 020	1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				
	3	52.982/2.0859	56.705/2.2325				
		53.000/2.0866	56.718/2.2330				1054A IH

2 Continued ... 2

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1T2894A STD	THRUST				2.36/.093	F817	2894T UL
4RB4162	PISTON PIN BUSH	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
RB4162	PISTON PIN BUSH	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

3 Engine Year Cyl Bore x Stroke 3

159 B9.000 1581cc Inline4 SOHC 2v	07/1994 - 07/1999	L4	86.4mm x 67.4mm
182 A4.000 1581cc Inline4 DOHC 4v	01/1996 - 10/2005	L4	86.4mm x 67.4mm
182 A6.000 1581cc Inline4 DOHC 4v	03/1996 - 08/1999	L4	86.4mm x 67.4mm
182 B6.000 1596cc Inline4 DOHC 4v	10/2000 - 10/2005	L4	80.5mm x 78.4mm
835 A1.000 1581cc Inline4 SOHC 2v	08/1989 - 06/1994	L4	86.4mm x 67.4mm
835 A1.046 1581cc Inline4 SOHC 2v	08/1989 - 03/1993	L4	86.4mm x 67.4mm
835 C1.000 1581cc Inline4 SOHC 2v	04/1993 - 08/1999	L4	86.4mm x 67.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B1441A STD, 010, 020, 030	CONROD	<i>3 oil holes.</i>	45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152	1.547/.0609	19.20/.756	F810	1441A IH
5M1028A STD, .25, .50	MAINS	1,2,4,5	50.780/1.9992 50.800/2.0000	54.507/2.1459 54.520/2.1465	1.849/.0728	20.25/.797	F810	1028A IH
		3	50.780/1.9992 50.800/2.0000	54.507/2.1459 54.520/2.1465	1.849/.0728	22.75/.896	F810	1029A IH
1T2894A STD	THRUST					2.36/.093	F817	2894T UL
4RB4162	PISTON PIN BUSH	<i>Set of 4.</i>				25.10/.988	F100	4RB4162
RB4162	PISTON PIN BUSH		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

4 Engine Year Cyl Bore x Stroke 4

834 F.000 2959cc V6 2v	08/1992 - 07/1994	V6	93.0mm x 72.6mm
838 B.000 2959cc V6 4v	08/1994 - 10/2001	V6	93.0mm x 72.6mm
841 A.000 2959cc V6 4v	07/2002 - 07/2009	V6	93.0mm x 72.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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6B2875P STD, .25	CONROD		51.980/2.0465 52.000/2.0472	55.511/2.1855 55.524/2.1860	1.749/.0689	19.10/.752	F780	2875 IH
4M2874P STD, .25	MAINS	1,2,3,4	59.951/2.3603 59.971/2.3611	63.657/2.5062 63.676/2.5069	1.841/.0725	22.35/.880	F780	2874 IH
1T2874A STD	THRUST					2.36/.093	F817	2874T UL
RB4153	PISTON PIN BUSH		21.994/.8659 22.000/.8661	25.120/.9890 25.146/.9900		23.72/.934	F100	RB4153



5 Engine		Year	Cyl	Bore x Stroke	5
149 C2.000 1585cc Inline4 2v		05/1987 - 08/1992	L4	84.0mm x 71.5mm	
828 B.000 1585cc Inline4 2v		08/1973 - 01/1987	L4	84.0mm x 71.5mm	
828 B1.000 1995cc Inline4 2v		04/1976 - 10/1986	L4	84.0mm x 90.0mm	
828 D3.000 1367cc Inline4 2v		12/1981 - 12/1984	L4	78.0mm x 71.5mm	
831 A4.000 1585cc Inline4 2v		11/1982 - 04/1986	L4	84.0mm x 71.5mm	
831 B6.000 1585cc Inline4 2v		08/1986 - 02/1992	L4	84.0mm x 71.5mm	
831 B7.000 1585cc Inline4 2v		05/1986 - 12/1989	L4	84.0mm x 71.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>This part has 2 holes.</i>					
4B1022A STD, .25, .50		48.224/1.8986	51.330/2.0209	1.540/.0606	19.50/.768	F810	1022A IH
		48.244/1.8994	51.346/2.0215				
5M2826A STD, .25, .50, .75, 1.00	MAINS			1.843/.0726	20.75/.817	F820	2826A IH
	1,2,4,5	52.984/2.0860	56.716/2.2329				
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
		53.005/2.0868	56.738/2.2338				
1T2827A STD	THRUST			2.36/.093	F817	2827T IH	
		59.000/2.3228	73.600/2.8976				
		59.250/2.3327	73.850/2.9075				
RB4162	PISTON PIN BUSH			25.10/.988	F100	RB4162	
		21.539/.8480	23.939/.9425				
		21.641/.8520	23.972/.9438				

6 Engine		Year	Cyl	Bore x Stroke	6
828 A1.000 1756cc Inline4 2v		08/1973 - 07/1976	L4	84.0mm x 79.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Oil holes at 75 deg and 105 deg.</i>					
4B2825A STD, .25, .50, .75		50.782/1.9993	53.897/2.1219	1.536/.0605	19.50/.768	F810	2825A IH
		50.802/2.0001	53.913/2.1226				
5M2826A STD, .25, .50, .75, 1.00	MAINS			1.843/.0726	20.75/.817	F820	2826A IH
	1,2,4,5	52.984/2.0860	56.716/2.2329				
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
		53.005/2.0868	56.738/2.2338				
1T2827A STD	THRUST			2.36/.093	F817	2827T IH	
		59.000/2.3228	73.600/2.8976				
		59.250/2.3327	73.850/2.9075				
RB4162	PISTON PIN BUSH			25.10/.988	F100	RB4162	
		21.539/.8480	23.939/.9425				
		21.641/.8520	23.972/.9438				

7 Engine		Year	Cyl	Bore x Stroke	7
134 AS.000 1995cc Inline4 2v		09/1975 - 05/1981	L4	84.0mm x 90.0mm	
828 B4.000 1995cc Inline4 2v		05/1980 - 01/1987	L4	84.0mm x 90.0mm	
828 B7.000 1995cc Inline4 2v		08/1983 - 05/1985	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Oil holes at 75 deg and 105 deg.</i>					
4B2825A STD, .25, .50, .75		50.782/1.9993	53.897/2.1219	1.536/.0605	19.50/.768	F810	2825A IH
		50.802/2.0001	53.913/2.1226				
5M2826A STD, .25, .50, .75, 1.00	MAINS			1.843/.0726	20.75/.817	F820	2826A IH
	1,2,4,5	52.984/2.0860	56.716/2.2329				
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
		53.005/2.0868	56.738/2.2338				
1T2827A STD	THRUST			2.36/.093	F817	2827T IH	
		59.000/2.3228	73.600/2.8976				
		59.250/2.3327	73.850/2.9075				

7 Continued ... 7

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4159		21.539/.8480	25.000/.9843		25.10/.988	F100	RB4159
		21.641/.8520	25.021/.9851				
PISTON PIN BUSH							
RB4162		21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162
		21.641/.8520	23.972/.9438				

8 Engine Year Cyl Bore x Stroke 8

831 B4.000 1995cc Inline4 2v	04/1986 - 12/1989	L4	84.0mm x 90.0mm
834 B.000 1995cc Inline4 2v	11/1984 - 09/1988	L4	84.0mm x 90.0mm
834 B.048 1995cc Inline4 2v	03/1986 - 09/1988	L4	84.0mm x 90.0mm
834 B.146 1995cc Inline4 2v	09/1987 - 05/1992	L4	84.0mm x 90.0mm
834 B1.000 1995cc Inline4 2v	09/1988 - 05/1992	L4	84.0mm x 90.0mm
835 A2.000 1756cc Inline4 2v	09/1989 - 06/1994	L4	84.0mm x 79.2mm
835 A2.046 1756cc Inline4 2v	09/1989 - 07/1999	L4	84.0mm x 79.2mm
835 C2.000 1756cc Inline4 2v	06/1993 - 08/1999	L4	84.0mm x 79.2mm
835 C4.000 1756cc Inline4 2v	07/1994 - 08/1999	L4	84.0mm x 79.2mm
835 C5.000 1756cc Inline4 2v	08/1993 - 07/1999	L4	84.0mm x 79.2mm
836 A2.046 1756cc Inline4 2v	09/1989 - 07/1999	L4	84.0mm x 79.2mm
836 A5.000 1756cc Inline4 2v	07/1994 - 07/1999	L4	84.0mm x 79.2mm
836 A6.000 1756cc Inline4 2v	07/1994 - 08/1999	L4	84.0mm x 79.2mm
836 C4.000 1756cc Inline4 2v	07/1994 - 08/1999	L4	84.0mm x 79.2mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B1049A STD, .25, .50	CONROD	50.792/1.9997	53.892/2.1217	1.537/.0605	19.50/.768	F810	1049A IH
		50.805/2.0002	53.910/2.1224				
5M2826A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5 3	52.984/2.0860	56.716/2.2329	1.843/.0726	20.75/.817	F820	2826A IH
		53.005/2.0868	56.738/2.2338				
		52.984/2.0860	56.716/2.2329				
1T2827A STD	THRUST	59.000/2.3228	73.600/2.8976	2.36/.093		F817	2827T IH
		59.250/2.3327	73.850/2.9075				
RB4159	PISTON PIN BUSH	21.539/.8480	25.000/.9843		25.10/.988	F100	RB4159
		21.641/.8520	25.021/.9851				

9 Engine Year Cyl Bore x Stroke 9

834 B2.000 1995cc Inline4 4v	05/1988 - 08/1992	L4	84.0mm x 90.0mm
834 B2.246 1995cc Inline4 4v	02/1989 - 05/1992	L4	84.0mm x 90.0mm
835 A5.000 1995cc Inline4 2v	09/1989 - 07/1992	L4	84.0mm x 90.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B2822A STD, 010, 020	CONROD	<i>Notch 4.37mm wide.</i>		1.534/.0604	19.50/.768	F810	2822A IH
		50.787/1.9995	53.901/2.1221				
4B2822P STD, 010, 020	CONROD	<i>Notch 4.37mm wide.</i>		1.534/.0604	19.50/.768	F780	2822 IH
		50.807/2.0003	53.913/2.1226				
RACE SERIES 4B2904H STD, .025, .25	CONROD	50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F781	2904H IH
		50.807/2.0003	53.913/2.1226				
RACE SERIES 4B2904HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.523/.0600	19.50/.768	F781	2904HX IH
		50.787/1.9995	53.897/2.1219				
		50.807/2.0003	53.913/2.1226				



9 Continued ...							9
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M2826A STD, .25, .50, .75, 1.00	MAINS						
	1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	24.25/.955	F820	2827A IH
	THRUST						
1T2827A STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
RB4159	PISTON PIN BUSH						
		21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159

10 Engine	Year	Cyl	Bore x Stroke	10
831 A7.000 1585cc Inline4 2v Turbo	10/1983 - 12/1986	L4	84.0mm x 71.5mm	
831 B3.000 1585cc Inline4 2v Turbo	08/1986 - 08/1988	L4	84.0mm x 71.5mm	
831 B7.046 1585cc Inline4 2v Turbo	04/1987 - 03/1989	L4	84.0mm x 71.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1022A STD, .25, .50	CONROD	<i>This part has 2 holes.</i>					
		48.224/1.8986 48.244/1.8994	51.330/2.0209 51.346/2.0215	1.540/.0606	19.50/.768	F810	1022A IH
5M2834A STD, .25, .50	MAINS						
	1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
RACE SERIES 5M2908H STD, .025, .25	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
	MAINS						
5M2908H STD, .025, .25	1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
RACE SERIES 5M2908HX STD	MAINS						
	1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
1T2827A STD	THRUST						
		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
4RB4162	PISTON PIN BUSH	<i>Set of 4.</i>					
					25.10/.988	F100	4RB4162
RB4162	PISTON PIN BUSH						
		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

11 Engine	Year	Cyl	Bore x Stroke	11
831 D.000 1929cc Inline4 SOHC 2v Diesel	01/1983 - 02/1992	L4	82.6mm x 90.0mm	
831 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	05/1985 - 12/1989	L4	82.6mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2840A STD, .25, .50	CONROD						
		50.787/1.9995 50.807/2.0003	53.892/2.1217 53.910/2.1224	1.537/.0605	19.50/.768	F810	2840A IH
4B2872A STD, .25, .50, .75	CONROD	<i>Notch 4.57mm wide.</i>					
		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.919/2.1228	1.536/.0605	19.50/.768	F810	2872A IH
4B2872P STD, .25, .50, .75	CONROD	<i>Notch 4.57mm wide.</i>					
		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.919/2.1228	1.536/.0605	19.50/.768	F780	2872 IH



11 Continued ...								11
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES 4B2904H STD, .025, .25	CONROD	50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH	
RACE SERIES 4B2904HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.523/.0600	19.50/.768	F781	2904HX IH	
5M2834A STD, .25, .50	MAINS 1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH	
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH	
RACE SERIES 5M2908H STD, .025, .25	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH	
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH	
RACE SERIES 5M2908HX STD	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH	
1T2827A STD	THRUST	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH	
RB4157	PISTON PIN BUSH	26.004/1.0238 26.010/1.0240	27.939/1.1000 27.972/1.1013		25.40/1.000	F100	RB4157	
RB4158	PISTON PIN BUSH	25.004/.9844 25.010/.9846	26.939/1.0606 26.972/1.0619		25.40/1.000	F100	RB4158	
RB4161	PISTON PIN BUSH	25.500/1.0039 25.640/1.0094	27.939/1.1000 27.972/1.1013		23.80/.937	F100	RB4161	

12	Engine	Year	Cyl	Bore x Stroke	12
	831 B5.000 1995cc Inline4 2v Turbo	11/1986 - 08/1988	L4	84.0mm x 90.0mm	
	831 C5.000 1995cc Inline4 2v Turbo	10/1987 - 02/1989	L4	84.0mm x 90.0mm	
	831 C5.046 1995cc Inline4 2v Turbo	12/1986 - 12/1992	L4	84.0mm x 90.0mm	
	834 C.000 1995cc Inline4 2v Turbo	11/1984 - 12/1987	L4	84.0mm x 90.0mm	
	834 C.146 1995cc Inline4 2v Turbo	07/1986 - 03/1992	L4	84.0mm x 90.0mm	
	835 A5.046 1995cc Inline4 2v	09/1989 - 07/1999	L4	84.0mm x 90.0mm	
	835 A7.000 1995cc Inline4 2v Turbo	05/1990 - 07/1994	L4	84.0mm x 90.0mm	
	835 A7.046 1995cc Inline4 2v Turbo	11/1990 - 07/1994	L4	84.0mm x 90.0mm	
	835 A8.000 1995cc Inline4 2v Turbo	11/1990 - 06/1994	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2840A STD, .25, .50	CONROD	50.787/1.9995 50.807/2.0003	53.892/2.1217 53.910/2.1224	1.537/.0605	19.50/.768	F810	2840A IH
5M2834A STD, .25, .50	MAINS 1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
RACE SERIES 5M2908H STD, .025, .25	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
RACE SERIES 5M2908HX STD	MAINS 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH



12 Continued ...							12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1T2827A STD	THRUST	59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T
		59.250/2.3327	73.850/2.9075				IH
RB4159	PISTON PIN BUSH	21.539/.8480	25.000/.9843		25.10/.988	F100	RB4159
		21.641/.8520	25.021/.9851				

13 Engine	Year	Cyl	Bore x Stroke	13
188 B2.000 1910cc Inline4 DOHC 2v Turbo Diesel	10/2004 - On	L4	82.0mm x 90.4mm	
937 A2.000 1910cc Inline4 SOHC 2v Turbo Diesel	05/2001 - 10/2005	L4	82.0mm x 90.4mm	
AR32302 1910cc Inline4 SOHC 2v Turbo Diesel	07/1999 - 09/2000	L4	82.0mm x 90.4mm	
AR37101 1910cc Inline4 SOHC 2v Turbo Diesel	09/2000 - 05/2001	L4	82.0mm x 90.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1B2830P STD, 010, 020	CONROD	<i>Contains one pair only.</i>		1.537/.0605	19.50/.768	F780	2830 IH
		50.787/1.9995	53.897/2.1219				
4B2830P STD, 010, 020	CONROD	50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
5M2885A STD, .25, .50	MAINS 1,2,3,4,5	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2885A IH
		60.000/2.3622	63.718/2.5086				
1T2884A STD	THRUST	67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
RB4160	PISTON PIN BUSH		28.939/1.1393		21.70/.854	F100	RB4160
			28.972/1.1406				

14 Engine	Year	Cyl	Bore x Stroke	14
838 A3.000 2387cc Inline5 SOHC 2v Turbo Diesel	08/1994 - 10/2001	L5	82.0mm x 90.4mm	
838 A7.000 2387cc Inline5 SOHC 2v Turbo Diesel	08/1994 - 10/2001	L5	82.0mm x 90.4mm	
838 A8.000 2387cc Inline5 SOHC 2v Turbo Diesel	06/1998 - 10/2001	L5	82.0mm x 90.4mm	
839 A6.000 2387cc Inline5 SOHC 2v Turbo Diesel	09/2000 - 10/2005	L5	82.0mm x 90.4mm	
841 C.000 2387cc Inline5 SOHC 2v Turbo Diesel	05/2002 - 07/2009	L4	82.0mm x 90.4mm	
AR32501 2387cc Inline5 SOHC 2v Turbo Diesel	07/1999 - 02/2001	L5	82.0mm x 90.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1B2830P STD, 010, 020	CONROD	<i>Contains one pair only.</i>		1.537/.0605	19.50/.768	F780	2830 IH
		50.787/1.9995	53.897/2.1219				
5B2830P STD, 010, 020	CONROD	50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
5M2885A STD, .25, .50	MAINS 1,2,3,4,5	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2885A IH
		60.000/2.3622	63.718/2.5086				
1T2884A STD	THRUST	67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
RB4160	PISTON PIN BUSH		28.939/1.1393		21.70/.854	F100	RB4160
			28.972/1.1406				

15	Engine	Year	Cyl	Bore x Stroke	15
	844 A1.000 1910cc Inline4 DOHC 4v Twin Turbo Diesel	01/2009 - On	L4	82.0mm x 90.4mm	
	937 A5.000 1910cc Inline4 DOHC 4v Turbo Diesel	06/2003 - On	L5	82.0mm x 90.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Contains one pair only.</i>					
1B2830P STD, 010, 020		50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
4B2830P STD, 010, 020	CONROD	50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
	MAINS	<i>Contains one pair only.</i>					
1M2884A STD, .25, .50		59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817	F810	2884A UL
5M2884A STD, .25, .50	MAINS	59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817	F810	2884A UL
1T2884A STD	THRUST	67.785/2.6687 68.040/2.6787	82.425/3.2451 82.677/3.2550		2.49/.098	F817	2884T UL
RB4160	PISTON PIN BUSH		28.939/1.1393 28.972/1.1406		21.70/.854	F100	RB4160

16	Engine	Year	Cyl	Bore x Stroke	16
	841 G.000 2387cc Inline5 DOHC 4v Turbo Diesel	05/2003 - 07/2009	L5	82.0mm x 90.4mm	
	841 H.000 2387cc Inline5 DOHC 4v Turbo Diesel	06/2003 - On	L5	82.0mm x 90.4mm	
	841 M.000 2387cc Inline5 DOHC 4v Turbo Diesel	09/2003 - 07/2009	L5	82.0mm x 90.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Contains one pair only.</i>					
1B2830P STD, 010, 020		50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
5B2830P STD, 010, 020	CONROD	50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
	MAINS	<i>Contains one pair only.</i>					
1M2884A STD, .25, .50		59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817	F810	2884A UL
1T2884A STD	THRUST	67.785/2.6687 68.040/2.6787	82.425/3.2451 82.677/3.2550		2.49/.098	F817	2884T UL
RB4160	PISTON PIN BUSH		28.939/1.1393 28.972/1.1406		21.70/.854	F100	RB4160

17	Engine	Year	Cyl	Bore x Stroke	17
	839 A5.000 2387cc Inline5 DOHC 4v Turbo Diesel	07/1999 - 02/2001	L5	82.0mm x 90.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Contains one pair only.</i>					
1B2830P STD, 010, 020		50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
5B2819P STD, 010, 020	CONROD	50.787/1.9995 50.805/2.0002	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2819 IH
5B2830P STD, 010, 020	CONROD	50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH



17 Continued ...							17
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6M2885A STD, .25, .50	MAINS 1,2,3,4,5,6	59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817	F810	2885A IH
	THRUST	67.785/2.6687 68.040/2.6787	82.425/3.2451 82.677/3.2550				
RB4160	PISTON PIN BUSH		28.939/1.1393 28.972/1.1406		21.70/.854	F100	RB4160

18 Engine				Year	Cyl	Bore x Stroke	18
838 A2.000 2446cc Inline5 4v				08/1994 - 10/2001	L5	83.0mm x 94.0mm	
838 A2.027 2446cc Inline5 4v				08/1994 - 10/2001	L4	83.0mm x 94.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B2822A STD, 010, 020	CONROD	<i>Notch 4.37mm wide.</i>		1.534/.0604	19.50/.768	F810	2822A IH
		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226				
5B2822P STD, 010, 020	CONROD	<i>Notch 4.37mm wide.</i>		1.534/.0604	19.50/.768	F780	2822 IH
		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226				
6M2885A STD, .25, .50	MAINS 1,2,3,4,5,6	59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817	F810	2885A IH
	THRUST	67.785/2.6687 68.040/2.6787	82.425/3.2451 82.677/3.2550				
RB4156	PISTON PIN BUSH	19.993/.7871 20.000/.7874	22.939/.9031 22.972/.9044		21.70/.854	F100	RB4156

19 Engine				Year	Cyl	Bore x Stroke	19
146 A5.046 1297cc Inline4 SOHC 2v				02/1989 - 12/1995	L4	76.0mm x 71.5mm	
156 A.000 1049cc Inline4 SOHC 2v				03/1985 - 07/1989	L4	76.0mm x 57.8mm	
156 A1.000 1049cc Inline4 SOHC 2v Turbo				03/1985 - 02/1989	L4	76.0mm x 57.8mm	
156 B.000 1301cc Inline4 SOHC 2v				11/1987 - 12/1995	L4	76.1mm x 71.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1018A STD, .25, .50	CONROD	43.988/1.7318 44.008/1.7326	47.130/1.8555 47.142/1.8560	1.550/.0610	18.50/.728	F810	1018A IH
5M1020A STD, .25, .50	MAINS 1,2,4,5	48.189/1.8972 48.209/1.8980	51.921/2.0441 51.934/2.0446	1.841/.0725	17.65/.695	F810	1020A IH
		3	48.189/1.8972 48.209/1.8980				
	CAMS			1.495/.0589	22.00/.866	F820	3124
	AUX		38.393/1.5115 38.418/1.5125 36.893/1.4525 36.918/1.4535	41.500/1.6339 41.530/1.6350 39.975/1.5738 40.000/1.5748	1.528/.0602	14.70/.579	F820
1C3124 STD, UNB				1.495/.0589	22.00/.866	F820	3124
2B53128 STD, UNB				1.528/.0602	14.70/.579	F820	3128 3129
4RB4162	PISTON PIN BUSH	<i>Set of 4.</i>			25.10/.988	F100	4RB4162

19 Continued ... 19

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4162		21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162
		21.641/.8520	23.972/.9438				

20 Engine 20

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
840 A2.000 1370cc Inline4 3v				Year	Cyl	Bore x Stroke	
840 A4.000 1370cc Inline4 3v				10/1996 - 09/2003	L4	82.0mm x 64.9mm	
				03/1996 - 09/2003	L4	82.0mm x 64.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1047A STD, 010		40.870/1.6091	44.000/1.7323	1.543/.0607	19.10/.752	F810	1047A IH
		40.890/1.6098	44.012/1.7328				
MAINS							
5M1053A STD, 010, 020	1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				
	3	52.982/2.0859	56.705/2.2325	1.838/.0724	20.75/.817	F810	1054A IH
		53.000/2.0866	56.718/2.2330				
PISTON PIN BUSH							
RB4156		19.993/.7871	22.939/.9031		21.70/.854	F100	RB4156
		20.000/.7874	22.972/.9044				

21 Engine 21

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
828 A2.000 1438cc Inline4 2v				Year	Cyl	Bore x Stroke	
831 A2.000 1301cc Inline4 2v				08/1973 - 07/1976	L4	80.0mm x 71.5mm	
831 B.000 1301cc Inline4 2v				09/1979 - 08/1992	L4	86.4mm x 55.5mm	
				09/1979 - 08/1992	L4	86.4mm x 55.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1441A STD, 010, 020, 030		<i>3 oil holes.</i>		1.547/.0609	19.20/.756	F810	1441A IH
		45.508/1.7916	48.629/1.9145				
		45.528/1.7924	48.646/1.9152				
CONROD							
4B1444A STD, .25, .50		<i>2 oil holes.</i>		1.538/.0606	19.20/.756	F810	1444A IH
		45.508/1.7916	48.629/1.9145				
		45.528/1.7924	48.646/1.9152				
MAINS							
5M1442A STD, 010, 020, 030	1,2,4,5	50.749/1.9980	54.506/2.1459	1.831/.0721	20.11/.792	F820	1442AL IH
		50.775/1.9990	54.518/2.1464				
	3	50.749/1.9980	54.506/2.1459	1.831/.0721	22.73/.895	F820	1443AL IH
		50.775/1.9990	54.518/2.1464				
THRUST							
1T1822A STD		<i>No Chamfer.</i>			2.36/.093	F817	1822T IH
		56.260/2.2150	69.600/2.7402				
		56.510/2.2248	69.850/2.7500				
THRUST							
1T2849A STD		<i>Chamfered. Superseded by 1T1822A.</i>			2.36/.093	F817	2849T IH
		56.610/2.2287	69.596/2.7400				
		56.864/2.2387	69.850/2.7500				
CAMS							
3C3120 STD	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120
		48.058/1.8920	50.150/1.9744				
	2	43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121
		43.880/1.7276	46.950/1.8484				
	3	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820	3122
		36.900/1.4528	39.992/1.5745				
AUX							
2BS3118 STD, UNB			35.036/1.3794	1.492/.0587	18.00/.709	F820	3119
			35.066/1.3805				
			38.700/1.5236	1.497/.0589	14.50/.571	F820	3118
			38.730/1.5248				
PISTON PIN BUSH							
4RB4162		<i>Set of 4.</i>			25.10/.988	F100	4RB4162



21	Continued ...							21
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	

PISTON PIN BUSH							
RB4162		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

22	Engine				Year	Cyl	Bore x Stroke	22
831 B8.000 1116cc Inline4 SOHC 2v					01/1986 - 12/1990	L4	80.0mm x 55.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD <i>3 oil holes.</i>							
4B1441A STD, 010, 020, 030		45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152	1.547/.0609	19.20/.756	F810	1441A IH

MAINS							
5M1442A STD, 010, 020, 030	1,2,4,5	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	20.11/.792	F820	1442AL IH
	3	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	22.73/.895	F820	1443AL IH

THRUST <i>Chamfered. Superseded by 1T1822A.</i>							
1T2849A STD		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH

PISTON PIN BUSH <i>Set of 4.</i>							
4RB4162					25.10/.988	F100	4RB4162

PISTON PIN BUSH							
RB4162		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

23	Engine				Year	Cyl	Bore x Stroke	23
160 A1.046 1372cc Inline4 SOHC 2v					10/1994 - 08/1999	L4	80.5mm x 67.4mm	
831 A1.000 1499cc Inline4 SOHC 2v					09/1979 - 12/1992	L4	86.4mm x 63.9mm	
836 A4.000 1372cc Inline4 SOHC 2v					10/1994 - 08/1999	L4	80.5mm x 67.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD <i>3 oil holes.</i>							
4B1441A STD, 010, 020, 030		45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152	1.547/.0609	19.20/.756	F810	1441A IH

MAINS							
5M1028A STD, .25, .50	1,2,4,5	50.780/1.9992 50.800/2.0000	54.507/2.1459 54.520/2.1465	1.849/.0728	20.25/.797	F810	1028A IH
	3	50.780/1.9992 50.800/2.0000	54.507/2.1459 54.520/2.1465	1.849/.0728	22.75/.896	F810	1029A IH

THRUST <i>Chamfered. Superseded by 1T1822A.</i>							
1T2849A STD		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH

PISTON PIN BUSH <i>Set of 4.</i>							
4RB4162					25.10/.988	F100	4RB4162

PISTON PIN BUSH							
RB4162		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

24	Engine	Year	Cyl	Bore x Stroke	24
	A112 A.000 903cc Inline4 2v	03/1981 - 06/1986	L4	65.0mm x 68.0mm	
	A112 A5.000 903cc Inline4 2v	03/1981 - 06/1986	L4	65.0mm x 68.0mm	
	A112 B1.000 965cc Inline4 2v	03/1984 - 12/1986	L4	67.2mm x 68.0mm	
	A112 B2.000 903cc Inline4 2v	03/1981 - 06/1986	L4	65.0mm x 68.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2806A STD, .25, .50	CONROD	39.985/1.5742	43.657/1.7188	1.813/.0714	16.55/.652	F810	2806A IH
		40.005/1.5750	43.670/1.7193				
3M2807A STD, .25, .50	MAINS	1,3	50.790/1.9996	54.508/2.1460	1.837/.0723	F810	2807A IH
			50.808/2.0003	54.521/2.1465			
		2	50.790/1.9996	54.508/2.1460	1.837/.0723	F810	2808A IH
	THRUST	54.610/2.1500	69.596/2.7400		2.36/.093	F817	2712T IH
		54.864/2.1600	69.850/2.7500				

25	Engine	Year	Cyl	Bore x Stroke	25
	156 A2.000 999cc Inline4 SOHC 2v	03/1985 - 02/1990	L4	70.0mm x 64.9mm	
	156 A2.048 999cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	70.0mm x 64.9mm	
	156 A2.100 999cc Inline4 SOHC 2v	06/1985 - 06/1991	L4	70.0mm x 64.9mm	
	156 A2.146 999cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	70.0mm x 64.9mm	
	156 A2.246 999cc Inline4 SOHC 2v	10/1987 - 02/1992	L4	70.0mm x 64.9mm	
	156 A2.256 999cc Inline4 SOHC 2v	10/1987 - 02/1992	L4	70.0mm x 64.9mm	
	156 C.000 1108cc Inline4 SOHC 2v	08/1989 - 06/1992	L4	70.0mm x 72.0mm	
	156 C.046 1108cc Inline4 SOHC 2v	07/1989 - 12/1995	L4	70.0mm x 72.0mm	
	176 B2.000 1108cc Inline4 SOHC 2v	01/1995 - 09/2003	L4	70.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B3034A STD, .25, .50	CONROD	37.998/1.4960	41.128/1.6192	1.549/.0610	19.00/.748	F810	3034A IH	
		38.008/1.4964	41.140/1.6197					
5M3036A STD, .25, .50	MAINS	<i>Set includes 2 thrustwashers.</i>		1.841/.0725	19.00/.748	F810	3036A IH	
		1,2,3,4,5	43.990/1.7319					47.705/1.8781
		3	44.000/1.7323					47.718/1.8787
5M3037A STD, .25, .50	MAINS	1,2,3,4,5	48.000/1.8898	63.800/2.5118	2.33/.092	F817	3036T UL	
			48.100/1.8937	64.000/2.5197				
		1,2,4,5	43.990/1.7319	47.705/1.8781	1.848/.0728	19.00/.748	F810	3037A L
			44.000/1.7323	47.718/1.8787				
			43.990/1.7319	47.705/1.8781				
3	44.000/1.7323	47.718/1.8787	1.848/.0728	23.91/.941	F810	3039A(F) U		

26	Engine	Year	Cyl	Bore x Stroke	26
	176 B9.000 1242cc Inline4 DOHC 4v	04/1997 - 09/2003	L4	70.8mm x 78.9mm	
	188 A4.000 1242cc Inline4 SOHC 2v	03/1996 - 12/2011	L4	70.8mm x 78.9mm	
	188 A5.000 1242cc Inline4 SOHC 2v	10/2000 - 12/2011	L4	70.8mm x 78.9mm	
	192 B2.000 1368cc Inline4 DOHC 4v	10/2007 - On	L4	72.0mm x 84.0mm	
	350 A1.000 1368cc Inline4	09/2005 - On	L4	72.0mm x 84.0mm	
	840 A3.000 1242cc Inline4 SOHC 2v	03/1996 - 09/2003	L4	70.8mm x 78.9mm	
	843 A1.000 1368cc Inline4 DOHC 4v	10/2003 - On	L4	72.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B3040A STD, .25, .50	CONROD	41.988/1.6531	45.127/1.7767	1.548/.0609	19.00/.748	F810	3040A IH
		42.008/1.6539	45.140/1.7772				



26 Continued ...							26
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M3041A STD, .25, .50	MAINS	<i>Set includes 2 thrustwashers.</i>					
	1,2,3,4,5	47.980/1.8890	51.705/2.0356	1.841/.0725	19.00/.748	F810	3041A U
		48.000/1.8898	51.718/2.0361				
	3	52.000/2.0472	68.766/2.7073		2.33/.092	F817	3041T UL
		52.200/2.0551	69.020/2.7173				
5M3044A STD, .25, .50	MAINS	<i>Has flanged thrust bearing.</i>					
	1,2,3,4,5	47.980/1.8890	51.705/2.0356	1.848/.0728	19.00/.748	F810	3041A L
		48.000/1.8898	51.718/2.0361				
	1,2,4,5	47.980/1.8890	51.705/2.0356	1.841/.0725	19.00/.748	F810	3041A U
		48.000/1.8898	51.718/2.0361				
	3	47.980/1.8890	51.705/2.0356	1.848/.0728	23.95/.943	F810	3044A U
	48.000/1.8898	51.718/2.0361					
5M3045A STD, .25, .50	MAINS	<i>Overwidth flange version of 5M3044A. Flange size is Std + .010"</i>					
	1,2,3,4,5	47.980/1.8890	51.705/2.0356	1.848/.0728	19.00/.748	F810	3041A L
		48.000/1.8898	51.718/2.0361				
	1,2,4,5	47.980/1.8890	51.705/2.0356	1.841/.0725	19.00/.748	F810	3041A U
		48.000/1.8898	51.718/2.0361				
	3	47.980/1.8890	51.705/2.0356	1.848/.0728	24.20/.953	F810	3045A U
	48.000/1.8898	51.718/2.0361					

27 Engine	Year	Cyl	Bore x Stroke	27
182 A2.000 1747cc Inline4 DOHC 4v	03/1996 - 08/1999	L4	82.0mm x 82.7mm	
183 A1.000 1747cc Inline4 DOHC 4v	03/1996 - 08/1999	L4	82.0mm x 82.7mm	
839 A4.000 1747cc Inline4 DOHC 4v	07/1999 - 10/2005	L4	82.0mm x 82.7mm	
839 A7.000 1747cc Inline4 DOHC 4v	07/1999 - 10/2005	L4	82.0mm x 82.7mm	
839 A9.000 1747cc Inline4 DOHC 4v	07/1999 - 10/2005	L4	82.0mm x 82.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2822A STD, 010, 020	CONROD	<i>Notch 4.37mm wide.</i>					
		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F810	2822A IH
		50.807/2.0003	53.913/2.1226				
4B2822P STD, 010, 020	CONROD	<i>Notch 4.37mm wide.</i>					
		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F780	2822 IH
		50.807/2.0003	53.913/2.1226				
RACE SERIES 4B2904H STD, .025, .25	CONROD						
		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F781	2904H IH
		50.807/2.0003	53.913/2.1226				
RACE SERIES 4B2904HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		50.787/1.9995	53.897/2.1219	1.523/.0600	19.50/.768	F781	2904HX IH
		50.807/2.0003	53.913/2.1226				
5M1053A STD, 010, 020	MAINS						
	1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				
	3	52.982/2.0859	56.705/2.2325	1.838/.0724	20.75/.817	F810	1054A IH
		53.000/2.0866	56.718/2.2330				
RB4156	PISTON PIN BUSH						
		19.993/.7871	22.939/.9031		21.70/.854	F100	RB4156
		20.000/.7874	22.972/.9044				

28	Engine	Year	Cyl	Bore x Stroke	28
	175 A3.000 1998cc Inline5 SOHC 2v Turbo	06/1998 - 10/2001	L5	82.0mm x 75.7mm	
	182 B7.000 1998cc Inline5 DOHC 4v	07/1999 - 09/2000	L5	82.0mm x 75.7mm	
	185 A8.000 1998cc Inline5 DOHC 4v	09/2000 - 10/2005	L5	82.0mm x 75.7mm	
	838 A1.000 1998cc Inline5 DOHC 4v	10/1994 - 10/2001	L5	82.0mm x 75.7mm	
	838 A6.000 1998cc Inline5 DOHC 4v	07/1996 - 10/2001	L5	82.0mm x 75.7mm	
	841 E.000 1998cc Inline5 DOHC 4v Turbo	07/2002 - 07/2009	L5	82.0mm x 75.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
5B1048A STD, 010		48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F810	1048A IH
		48.244/1.8994	51.366/2.0223				
5B1048P STD, 010		48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F780	1048 IH
		48.244/1.8994	51.366/2.0223				
6M2885A STD, .25, .50	MAINS 1,2,3,4,5,6	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2885A IH
		60.000/2.3622	63.718/2.5086				
1T2884A STD	THRUST	67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
RB4156	PISTON PIN BUSH	19.993/.7871	22.939/.9031		21.70/.854	F100	RB4156
		20.000/.7874	22.972/.9044				

29	Engine	Year	Cyl	Bore x Stroke	29
	160 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	04/1989 - 08/1999	L4	82.6mm x 90.0mm	
	835 A4.000 1929cc Inline4 SOHC 2v Turbo Diesel	04/1989 - 08/1999	L4	82.6mm x 90.0mm	
	835 A4.046 1929cc Inline4 SOHC 2v Turbo Diesel	04/1989 - 07/1999	L4	82.6mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2872A STD, .25, .50, .75		<i>Notch 4.57mm wide.</i>		1.536/.0605	19.50/.768	F810	2872A IH
		50.787/1.9995	53.897/2.1219				
		50.807/2.0003	53.919/2.1228				
4B2872P STD, .25, .50, .75		<i>Notch 4.57mm wide.</i>		1.536/.0605	19.50/.768	F780	2872 IH
		50.787/1.9995	53.897/2.1219				
		50.807/2.0003	53.919/2.1228				
RACE SERIES 4B2904H STD, .025, .25		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F781	2904H IH
		50.807/2.0003	53.913/2.1226				
RACE SERIES 4B2904HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.523/.0600	19.50/.768	F781	2904HX IH
		50.787/1.9995	53.897/2.1219				
		50.807/2.0003	53.913/2.1226				
5M2834A STD, .25, .50	MAINS 1,2,4,5	52.990/2.0862	56.717/2.2329	1.843/.0726	20.75/.817	F810	2834A IH
		53.010/2.0870	56.736/2.2337				
		3	52.990/2.0862				
		53.010/2.0870	56.735/2.2337				
RACE SERIES 5M2908H STD, .025, .25	MAINS 1,2,4,5	52.991/2.0863	56.717/2.2329	1.843/.0726	20.75/.817	F780	2908H IH
		53.000/2.0866	56.735/2.2337				
		3	52.991/2.0863				
		53.000/2.0866	56.735/2.2337				
RACE SERIES 5M2908HX STD	MAINS 1,2,4,5	52.991/2.0863	56.717/2.2329	1.830/.0720	20.75/.817	F780	2908HX IH
		53.000/2.0866	56.735/2.2337				
1T2827A STD	THRUST	59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				



29		Continued ...						29
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RB4157	PISTON PIN BUSH	26.004/1.0238	27.939/1.1000		25.40/1.000	F100	RB4157	
		26.010/1.0240	27.972/1.1013					
RB4158	PISTON PIN BUSH	25.004/.9844	26.939/1.0606		25.40/1.000	F100	RB4158	
		25.010/.9846	26.972/1.0619					
RB4161	PISTON PIN BUSH	25.500/1.0039	27.939/1.1000		23.80/.937	F100	RB4161	
		25.640/1.0094	27.972/1.1013					

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ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
18 K4F 1796cc Inline4 DOHC 4v	02/1998 - 10/2006	L4	1796	109	3
M47 1951cc Inline 4 DOHC 4v Turbo Diesel	11/2001 - 10/2006	L4	1951	119	10
20 T2N 1994cc SOHC 2v Turbo Diesel	02/1998 - 10/2006	L4	1994	121	11
10J 2286cc Inline4 OHV Diesel	01/1962 - 12/1984	L4	2286	139	8
2286cc Inline4 OHV 2v	01/1958 - 12/1985	L4	2286	139	7
12J 2495cc Inline4 OHV 2v Diesel	01/1984 - 09/2001	L4	2495	152	1
17H 2495cc Inline4 OHV 2v	01/1985 - 12/1994	L4	2495	152	2
19J 2495cc Inline4 OHV 2v Turbo Diesel	01/1986 - 12/1990	L4	2495	152	1
200TDi (11L,12L) 2495cc Inline4 OHV 2v Turbo Diesel	07/1989 - 12/1998	L4	2495	152	6
300TDi (16L,23L) 2495cc Inline4 OHV 2v Turbo Diesel	04/1994 - 12/1998	L4	2495	152	6
Td5 (15P/16P) 2495cc Inline5 SOHC 2v Turbo Diesel	01/1998 - 12/2007	L5	2495	152	9
11D 3528cc V8 OHV 2v	07/1970 - 08/1993	V8	3528	215	4
22D 3528cc V8 OHV 2v	10/1989 - 06/1994	V8	3528	215	4
24D,25D 3528cc V8 OHV 2v	10/1985 - 09/1990	V8	3528	215	4
31D 3528cc V8 OHV 2v	01/1987 - 09/1990	V8	3528	215	4
35D,36D 3947cc V8 OHV 2v	11/1988 - 10/1998	V8	3947	240	4
37D,38D 3947cc V8 OHV 2v	11/1988 - 07/1994	V8	3947	240	4
42D 3947cc V8 OHV 2v	07/1994 - 03/2002	V8	3947	240	5
40D 4275cc V8 OHV 2v	09/1992 - 07/1994	V8	4275	260	5
46D 4553cc V8 OHV 2v	07/1994 - 03/2002	V8	4553	277	5



1 Engine		Year	Cyl	Bore x Stroke	1						
12J 2495cc Inline4 OHV 2v Diesel		01/1984 - 09/2001	L4	90.5mm x 97.0mm							
19J 2495cc Inline4 OHV 2v Turbo Diesel		01/1986 - 12/1990	L4	90.5mm x 97.0mm							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.				
CONROD											
4B2690A STD, 010, 020, 030, 040		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F810	2690A IH				
		58.744/2.3128	62.446/2.4585								
4B2690P STD, 010, 020, 030, 040		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F780	2690 IH				
		58.744/2.3128	62.446/2.4585								
MAINS <i>Use with 5 main bearing crankshaft. Full groove version, two 4mm oil holes in each half.</i>											
5M2694P STD, 010, 020, 030, 040, 060	1,2,3,4	63.487/2.4995	67.704/2.6655	2.098/.0826	24.56/.967	F780	2694 IH				
		63.500/2.5000	67.716/2.6660								
	5	63.487/2.4995	67.704/2.6655					2.098/.0826	35.13/1.383	F780	2695 IH
		63.500/2.5000	67.716/2.6660								
MAINS <i>Half groove version, two 7mm oil holes in upper half.</i>											
5M2698A STD, 010, 020, 030, 040		63.487/2.4995	67.704/2.6655	2.080/.0819	35.00/1.378	F810	2714A UL				
		67.716/2.6660	63.500/2.5000								
		63.487/2.4995	67.704/2.6655					2.080/.0819	24.40/.961	F810	2699A UL
		63.500/2.5000	67.716/2.6660								
MAINS <i>Half groove version, two 7mm oil holes in upper half.</i>											
5M2698P STD, 010, 020, 030, 040		63.487/2.4995	67.704/2.6655	2.080/.0819	24.40/.961	F780	2699 UL				
		63.500/2.5000	67.716/2.6660								
		63.487/2.4995	67.704/2.6655					2.080/.0819	35.00/1.378	F780	2714 UL
		67.716/2.6660	63.500/2.5000								
THRUST											
1T1542 STD		70.740/2.7850	85.600/3.3701		2.36/.093	F250	1542T IH				
		70.990/2.7949	85.850/3.3799								
CAMS											
4C3172 STD	1	46.761/1.8410	49.987/1.9680	1.593/.0627	24.59/.968	F23	3172				
		46.787/1.8420	50.013/1.9690								
	2,3,4	46.761/1.8410	49.987/1.9680					1.593/.0627	19.05/.750	F23	3173
		46.787/1.8420	50.013/1.9690								
PISTON PIN BUSH											
RB4036 UNB		30.157/1.1873	34.130/1.3437		32.54/1.281	F100	RB4036				
		30.163/1.1875	34.155/1.3447								

2 Engine		Year	Cyl	Bore x Stroke	2						
17H 2495cc Inline4 OHV 2v		01/1985 - 12/1994	L4	90.5mm x 97.0mm							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.				
CONROD											
4B2690A STD, 010, 020, 030, 040		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F810	2690A IH				
		58.744/2.3128	62.446/2.4585								
4B2690P STD, 010, 020, 030, 040		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F780	2690 IH				
		58.744/2.3128	62.446/2.4585								
MAINS <i>Use with 5 main bearing crankshaft. Full groove version, two 4mm oil holes in each half.</i>											
5M2694P STD, 010, 020, 030, 040, 060	1,2,3,4	63.487/2.4995	67.704/2.6655	2.098/.0826	24.56/.967	F780	2694 IH				
		63.500/2.5000	67.716/2.6660								
	5	63.487/2.4995	67.704/2.6655					2.098/.0826	35.13/1.383	F780	2695 IH
		63.500/2.5000	67.716/2.6660								
MAINS <i>Half groove version, two 7mm oil holes in upper half.</i>											
5M2698A STD, 010, 020, 030, 040		63.487/2.4995	67.704/2.6655	2.080/.0819	24.40/.961	F810	2699A UL				
		63.500/2.5000	67.716/2.6660								
		63.487/2.4995	67.704/2.6655					2.080/.0819	35.00/1.378	F810	2714A UL
		67.716/2.6660	63.500/2.5000								
MAINS <i>Half groove version, two 7mm oil holes in upper half.</i>											
5M2698P STD, 010, 020, 030, 040		63.487/2.4995	67.704/2.6655	2.080/.0819	24.40/.961	F780	2699 UL				
		63.500/2.5000	67.716/2.6660								

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2 Continued ...							2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M2698P STD, 010, 020, 030, 040	THRUST	63.487/2.4995	67.704/2.6655	2.080/.0819	35.00/1.378	F780	2714 UL
		67.716/2.6660	63.500/2.5000				
1T1542 STD	THRUST	70.740/2.7850	85.600/3.3701		2.36/.093	F250	1542T IH
		70.990/2.7949	85.850/3.3799				
4C3172 STD	CAMS 1	46.761/1.8410	49.987/1.9680	1.593/.0627	24.59/.968	F23	3172
		46.787/1.8420	50.013/1.9690				
	2,3,4	46.761/1.8410	49.987/1.9680	1.593/.0627	19.05/.750	F23	3173
		46.787/1.8420	50.013/1.9690				
RB883	PISTON PIN BUSH	25.387/.9995	28.575/1.1250	1.730/.0681	33.27/1.310	F100	RB883
		25.400/1.0000	28.600/1.1260				

3 Engine				Year	Cyl	Bore x Stroke	3
18 K4F 1796cc Inline4 DOHC 4v				02/1998 - 10/2006	L4	80.0mm x 89.3mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B9921A STD, .25	CONROD	47.986/1.8892	51.659/2.0338	1.824/.0718	18.30/.721	F810	9921A IH
		48.006/1.8900	51.684/2.0348				
5M9922A STD, .25	MAINS 1,3,5	47.993/1.8895	51.579/2.0307	1.789/.0704	17.45/.687	F810	9922A UL
		48.000/1.8898	51.600/2.0315				
		2,4	47.993/1.8895	51.579/2.0307	1.789/.0704	17.45/.687	F810
		48.000/1.8898	51.600/2.0315				
1T9922 STD	THRUST	56.800/2.2362	73.300/2.8858		2.40/.095	F817	9922T IH
		57.050/2.2461	73.550/2.8957				

4 Engine				Year	Cyl	Bore x Stroke	4
11D 3528cc V8 OHV 2v				07/1970 - 08/1993	V8	88.9mm x 71.1mm	
22D 3528cc V8 OHV 2v				10/1989 - 06/1994	V8	88.9mm x 71.1mm	
24D,25D 3528cc V8 OHV 2v				10/1985 - 09/1990	V8	88.9mm x 71.1mm	
31D 3528cc V8 OHV 2v				01/1987 - 09/1990	V8	88.9mm x 71.1mm	
35D,36D 3947cc V8 OHV 2v				11/1988 - 10/1998	V8	94.0mm x 71.1mm	
37D,38D 3947cc V8 OHV 2v				11/1988 - 07/1994	V8	94.0mm x 71.1mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B610A STD, 010, 020, 030, 040	CONROD	50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A IH
		50.813/2.0005	53.980/2.1252				
5M2217A STD, 010	MAINS 1,2,4,5	<i>Overwidth flanges on undersizes: Std=Std, 010"=Std+010".</i>					
		58.400/2.2992	63.274/2.4911	2.426/.0955	20.50/.807	F820	2217AL UL
	58.412/2.2997	63.287/2.4916					
	3	58.400/2.2992	63.274/2.4911	2.426/.0955	26.87/1.058	F820	2218AL(F) UL
		58.412/2.2997	63.287/2.4916				
5C4326 STD	CAMS 1	45.339/1.7850	48.654/1.9155	1.633/.0643	19.30/.760	F23	4326
		45.364/1.7860	48.704/1.9175				
	2	44.577/1.7550	47.892/1.8855	1.633/.0643	19.30/.760	F23	4327
		44.602/1.7560	47.942/1.8875				
	3	43.815/1.7250	47.130/1.8555	1.633/.0643	19.30/.760	F23	4328
		43.840/1.7260	47.180/1.8575				
4	43.053/1.6950	46.368/1.8255	1.633/.0643	19.30/.760	F23	4329	
	43.078/1.6960	46.418/1.8275					
5	42.291/1.6650	45.606/1.7955	1.633/.0643	19.30/.760	F23	4320	
	42.316/1.6660	45.656/1.7975					



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5	Engine	Year	Cyl	Bore x Stroke	5
	40D 4275cc V8 OHV 2v	09/1992 - 07/1994	V8	94.0mm x 77.0mm	
	42D 3947cc V8 OHV 2v	07/1994 - 03/2002	V8	94.0mm x 71.1mm	
	46D 4553cc V8 OHV 2v	07/1994 - 03/2002	V8	94.0mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B9965P STD, .25, .50		58.793/2.3147		1.580/.0622	17.60/.693	F780	9965 IH
		55.513/2.1855					
MAINS							
5M9966A STD, .25		63.487/2.4995	67.704/2.6655	2.080/.0819	20.53/.808	F810	9966A UL
		63.500/2.5000	67.716/2.6660				
		63.487/2.4995	67.704/2.6655	2.080/.0819	26.80/1.055	F810	9967A(F) U
		63.500/2.5000	67.716/2.6660				

6	Engine	Year	Cyl	Bore x Stroke	6
	200TDi (11L,12L) 2495cc Inline4 OHV 2v Turbo Diesel	07/1989 - 12/1998	L4	90.5mm x 97.0mm	
	300TDi (16L,23L) 2495cc Inline4 OHV 2v Turbo Diesel	04/1994 - 12/1998	L4	90.5mm x 97.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2690A STD, 010, 020, 030, 040		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F810	2690A IH
		58.744/2.3128	62.446/2.4585				
CONROD							
4B2690P STD, 010, 020, 030, 040		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F780	2690 IH
		58.744/2.3128	62.446/2.4585				
MAINS							
<i>Half groove version, two 7mm oil holes in upper half.</i>							
5M2698A STD, 010, 020, 030, 040		63.487/2.4995	67.704/2.6655	2.080/.0819	24.40/.961	F810	2699A UL
		63.500/2.5000	67.716/2.6660				
		63.487/2.4995	67.704/2.6655	2.080/.0819	35.00/1.378	F810	2714A UL
		67.716/2.6660	63.500/2.5000				
MAINS							
<i>Half groove version, two 7mm oil holes in upper half.</i>							
5M2698P STD, 010, 020, 030, 040		63.487/2.4995	67.704/2.6655	2.080/.0819	24.40/.961	F780	2699 UL
		63.500/2.5000	67.716/2.6660				
		63.487/2.4995	67.704/2.6655	2.080/.0819	35.00/1.378	F780	2714 UL
		67.716/2.6660	63.500/2.5000				
THRUST							
1T1542 STD		70.740/2.7850	85.600/3.3701		2.36/.093	F250	1542T IH
		70.990/2.7949	85.850/3.3799				
CAMS							
4C3172 STD	1	46.761/1.8410	49.987/1.9680	1.593/.0627	24.59/.968	F23	3172
		46.787/1.8420	50.013/1.9690				
	2,3,4	46.761/1.8410	49.987/1.9680	1.593/.0627	19.05/.750	F23	3173
		46.787/1.8420	50.013/1.9690				
PISTON PIN BUSH							
RB4036 UNB		30.157/1.1873	34.130/1.3437		32.54/1.281	F100	RB4036
		30.163/1.1875	34.155/1.3447				

7	Engine	Year	Cyl	Bore x Stroke	7
	2286cc Inline4 OHV 2v	01/1958 - 12/1985	L4	90.5mm x 88.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2691P STD, 010, 020, 030, 040, 050,		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F780	2691 IH
		58.744/2.3128	62.446/2.4585				
MAINS							
<i>Use with 3 main bearing crankshaft.</i>							
3M2692P STD, 010, 020, 030, 040, 050,	1,2	63.487/2.4995	67.704/2.6655	2.098/.0826	25.57/1.007	F780	2692 IH
		63.500/2.5000	67.716/2.6660				
	3	63.487/2.4995	67.704/2.6655	2.098/.0826	39.88/1.570	F780	2693 UL
		63.500/2.5000	67.716/2.6660				

Land Rover



7 Continued ...							7
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Use with 5 main bearing crankshaft. Full groove version, two 4mm oil holes in each half.</i>							
5M2694P STD, 010, 020, 030, 040, 060	1,2,3,4	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.098/.0826	24.56/.967	F780	2694 IH
	5	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.098/.0826	35.13/1.383	F780	2695 IH
THRUST							
1T1542 STD		70.740/2.7850 70.990/2.7949	85.600/3.3701 85.850/3.3799		2.36/.093	F250	1542T IH
	CAMS						
4C3172 STD	1	46.761/1.8410 46.787/1.8420	49.987/1.9680 50.013/1.9690	1.593/.0627	24.59/.968	F23	3172
	2,3,4	46.761/1.8410 46.787/1.8420	49.987/1.9680 50.013/1.9690	1.593/.0627	19.05/.750	F23	3173
PISTON PIN BUSH							
RB883		25.387/9.995 25.400/1.0000	28.575/1.1250 28.600/1.1260	1.730/.0681	33.27/1.310	F100	RB883

8 Engine				Year	Cyl	Bore x Stroke	8
10J 2286cc Inline4 OHV Diesel				01/1962 - 12/1984	L4	90.5mm x 88.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2691P STD, 010, 020, 030, 040, 050,		58.725/2.3120 58.744/2.3128	62.433/2.4580 62.446/2.4585	1.835/.0722	25.06/.987	F780	2691 IH
	MAINS <i>Use with 3 main bearing crankshaft.</i>						
3M2692P STD, 010, 020, 030, 040, 050,	1,2	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.098/.0826	25.57/1.007	F780	2692 IH
	3	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.098/.0826	39.88/1.570	F780	2693 UL
MAINS <i>Use with 5 main bearing crankshaft. Full groove version, two 4mm oil holes in each half.</i>							
5M2694P STD, 010, 020, 030, 040, 060	1,2,3,4	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.098/.0826	24.56/.967	F780	2694 IH
	5	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.098/.0826	35.13/1.383	F780	2695 IH
THRUST							
1T1542 STD		70.740/2.7850 70.990/2.7949	85.600/3.3701 85.850/3.3799		2.36/.093	F250	1542T IH
	CAMS						
4C3172 STD	1	46.761/1.8410 46.787/1.8420	49.987/1.9680 50.013/1.9690	1.593/.0627	24.59/.968	F23	3172
	2,3,4	46.761/1.8410 46.787/1.8420	49.987/1.9680 50.013/1.9690	1.593/.0627	19.05/.750	F23	3173
PISTON PIN BUSH							
RB4036 UNB		30.157/1.1873 30.163/1.1875	34.130/1.3437 34.155/1.3447		32.54/1.281	F100	RB4036

9 Engine				Year	Cyl	Bore x Stroke	9
Td5 (15P/16P) 2495cc Inline5 SOHC 2v Turbo Diesel				01/1998 - 12/2007	L5	84.5mm x 88.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearings have no notch.</i>							
5B9950P STD, .25, .50, .75, 1.00, 1.25		53.990/2.1256 54.010/2.1264	57.683/2.2710 57.696/2.2715	1.825/.0719	20.80/.819	F780	9950 IH
	MAINS <i>Bearings have no notches.</i>						
6M9952A STD, .25, .50, .75, 1.00		61.990/2.4405 62.010/2.4413	65.800/2.5905 65.816/2.5912	1.880/.0740	17.75/.699	F810	9952A UL
	THRUST						
2T9952 STD		66.970/2.6366 67.220/2.6465	84.250/3.3169 84.500/3.3268		2.80/.110	F817	9952T IH



10	Engine	Year	Cyl	Bore x Stroke	10		
	M47 1951cc Inline 4 DOHC 4v Turbo Diesel	11/2001 - 10/2006	L4	84.0mm x 88.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Upper half only is Race plate</i>					
4B1579D STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				L
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D
		44.991/1.7713	48.016/1.8904				U
	CONROD						
4B1579P STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				IH
	MAINS	<i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>					
5M1532A STD, .25	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A
		59.990/2.3618	65.019/2.5598				IH
	3	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F)
		59.990/2.3618	65.019/2.5598				IH
	MAINS	<i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>					
5M1532P STD, .25, .50	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F780	1538
		59.990/2.3618	65.019/2.5598				IH
	3	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F780	1539(F)
		59.990/2.3618	65.019/2.5598				IH
	PISTON PIN BUSH	<i>Set of 4.</i>					
4RB4148 UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	4RB4148
		30.000/1.1811	32.025/1.2608				
	PISTON PIN BUSH						
RB4148 UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	RB4148
		30.000/1.1811	32.025/1.2608				

11	Engine	Year	Cyl	Bore x Stroke	11		
	20 T2N 1994cc SOHC 2v Turbo Diesel	02/1998 - 10/2006	L4	84.5mm x 88.9mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Bearing does not have notch. 20.8mm wide.</i>					
4B9950P STD, .25, .50, .75, 1.00		53.990/2.1256	57.683/2.2710	1.825/.0719	20.80/.819	F780	9950
		54.010/2.1264	57.696/2.2715				IH
	MAINS						
5M9953A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.990/2.2437	60.703/2.3899	1.835/.0722	22.60/.890	F810	9953A
		57.010/2.2445	60.719/2.3905				UL
	THRUST						
2T9952 STD		66.970/2.6366	84.250/3.3169		2.80/.110	F817	9952T
		67.220/2.6465	84.500/3.3268				IH

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
A Series 848cc Inline4 OHV 2v	01/1959 - 12/1980	L4	848	51	14
BM7 848cc Inline4 OHV 2v	01/1959 - 12/1975	L4	848	51	5
A Series 948cc Inline4 OHV 2v	01/1957 - 12/1975	L4	948	57	5
APJM 948cc Inline4 OHV 2v	01/1961 - 12/1963	L4	948	57	5
A Series 970cc Inline4 OHV 2v	01/1963 - On	L4	970	59	15
A Series 997cc Inline4 OHV 2v	01/1961 - 05/1965	L4	997	60	11
A Series 998cc Inline4 OHV 2v	01/1961 - 12/1992	L4	998	60	16
A Series 1071cc Inline4 OHV 2v	01/1963 - 12/1974	L4	1071	65	15
A Series 1098cc Inline4 OHV 2v	01/1961 - 12/1981	L4	1098	67	12
B Series 1200cc Inline4 OHV 2v	01/1954 - 12/1965	L4	1200	73	8
12YD 1275cc Inline4 OHV 2v	01/1964 - 06/1969	L4	1275	77	15
12YE 1275cc Inline4 OHV 2v	01/1967 - 12/1982	L4	1275	77	13
A Series 1275cc Inline4 OHV 2v	01/1964 - On	L4	1275	77	9
A Series 1275cc Inline4 OHV 3v	10/1967 - 12/1982	L4	1275	77	13
E Series 1485cc Inline4 OHV 2v	01/1969 - 12/1983	L4	1485	90	6
B Series 1489cc Inline4 OHV 2v	01/1954 - 12/1964	L4	1489	90	8
B Series 1622cc Inline4 OHV 2v	01/1959 - 12/1978	L4	1622	98	17
1670cc Inline4 OHV 2v	01/1964 - 12/1966	L4	1670	101	20
B Series 1798cc Inline4 OHV 2v	01/1962 - 12/1978	L4	1798	109	4
2138cc Inline4 OHV 2v	01/1962 - On	L4	2138	130	20
E Series 2227cc Inline6 SOHC 2v	01/1970 - 12/1974	L6	2227	135	7
E Series 2623cc Inline6 OHV 2v	01/1971 - 12/1975	L6	2623	160	7
34T 3400cc Inline4 OHV 2v Diesel	01/1966 - On	L4	3400	207	18
38T 3770cc Inline4 OHV 2v Diesel	01/1966 - On	L4	3770	230	18
4/98 3770cc Inline4 OHV 2v Diesel	01/1973 - On	L4	3770	230	18
4416cc V8 OHV 2v	06/1973 - 12/1980	V8	4416	269	19
51UD 5103cc Inline6 OHV 2v Diesel	01/1966 - On	L6	5103	311	10
6/98 5650cc Inline6 OHV 2v	01/1966 - On	L6	5650	344	10
6/98 5650cc Inline6 OHV 2v Diesel	01/1973 - On	L6	5650	344	10
57VD 5655cc Inline6 OHV 2v Diesel	01/1966 - On	L6	5655	345	10
350 5760cc Inline6 OHV 2v Diesel	01/1953 - 12/1960	L6	5760	351	21
370 6068cc Inline6 OHV 2v Diesel	01/1960 - On	L6	6068	370	2
UE370 6075cc Inline6 OHV 2v Diesel	01/1960 - On	L6	6075	370	2
375 6170cc Inline6 OHV 2v Diesel	01/1958 - 12/1973	L6	6170	376	21
400 6540cc Inline6 OHV 2v Diesel	01/1960 - 12/1977	L6	6540	399	3
401 6540cc Inline6 OHV 2v Turbo Diesel	05/1968 - 12/1982	L6	6540	399	1
402 6540cc Inline6 OHV 2v Turbo Diesel	06/1979 - 01/1984	L6	6540	399	1
410 6540cc Inline6 OHV 2v Turbo Diesel	01/1972 - 12/1979	L6	6540	399	1
411/420 6540cc Inline6 OHV 2v Turbo Diesel	11/1979 - 12/1982	L6	6540	399	1



1	Engine	Year	Cyl	Bore x Stroke	1
	401 6540cc Inline6 OHV 2v Turbo Diesel	05/1968 - 12/1982	L6	107.2mm x 120.7mm	
	402 6540cc Inline6 OHV 2v Turbo Diesel	06/1979 - 01/1984	L6	107.2mm x 120.7mm	
	410 6540cc Inline6 OHV 2v Turbo Diesel	01/1972 - 12/1979	L6	107.2mm x 120.7mm	
	411/420 6540cc Inline6 OHV 2v Turbo Diesel	11/1979 - 12/1982	L6	107.2mm x 120.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2771P STD, 010, 020, 030, 040	CONROD	60.955/2.3998	64.592/2.5430	1.793/.0706	34.79/1.370	F780	2771 IH
		60.973/2.4005	64.605/2.5435				
6B5500A STD, 010, 020	CONROD	60.955/2.3998	64.592/2.5430	1.791/.0705	34.79/1.370	F820	5500AL IH
		60.973/2.4005	64.605/2.5435				
7M2784 STD, 010, 020, 030, 040, 060	MAINS 1,4,7	88.882/3.4993	93.040/3.6630	2.040/.0803	40.64/1.600	F780	2784 IH
		88.900/3.5000	93.066/3.6640				
	2,3,5,6	88.882/3.4993	93.040/3.6630	2.040/.0803	27.43/1.080	F780	2785 IH
		88.900/3.5000	93.066/3.6640				
2T2784 STD	THRUST	91.950/3.6201	111.460/4.3882		2.36/.093	F250	2784T UL
		92.200/3.6299	111.710/4.3980				

2	Engine	Year	Cyl	Bore x Stroke	2
	370 6068cc Inline6 OHV 2v Diesel	01/1960 - On	L6	103.4mm x 120.7mm	
	UE370 6075cc Inline6 OHV 2v Diesel	01/1960 - On	L6	103.4mm x 120.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2771P STD, 010, 020, 030, 040	CONROD	60.955/2.3998	64.592/2.5430	1.793/.0706	34.79/1.370	F780	2771 IH
		60.973/2.4005	64.605/2.5435				
7M2784 STD, 010, 020, 030, 040, 060	MAINS 1,4,7	88.882/3.4993	93.040/3.6630	2.040/.0803	40.64/1.600	F780	2784 IH
		88.900/3.5000	93.066/3.6640				
	2,3,5,6	88.882/3.4993	93.040/3.6630	2.040/.0803	27.43/1.080	F780	2785 IH
		88.900/3.5000	93.066/3.6640				
2T2784 STD	THRUST	91.950/3.6201	111.460/4.3882		2.36/.093	F250	2784T UL
		92.200/3.6299	111.710/4.3980				
RB4011 UNB	PISTON PIN BUSH	33.012/1.2997	36.881/1.4520	2.110/.0831	35.81/1.410	F100	RB4011
		33.020/1.3000	36.906/1.4530				

3	Engine	Year	Cyl	Bore x Stroke	3
	400 6540cc Inline6 OHV 2v Diesel	01/1960 - 12/1977	L6	107.2mm x 120.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2771P STD, 010, 020, 030, 040	CONROD	60.955/2.3998	64.592/2.5430	1.793/.0706	34.79/1.370	F780	2771 IH
		60.973/2.4005	64.605/2.5435				
6B5500A STD, 010, 020	CONROD	60.955/2.3998	64.592/2.5430	1.791/.0705	34.79/1.370	F820	5500AL IH
		60.973/2.4005	64.605/2.5435				
7M2784 STD, 010, 020, 030, 040, 060	MAINS 1,4,7	88.882/3.4993	93.040/3.6630	2.040/.0803	40.64/1.600	F780	2784 IH
		88.900/3.5000	93.066/3.6640				
	2,3,5,6	88.882/3.4993	93.040/3.6630	2.040/.0803	27.43/1.080	F780	2785 IH
		88.900/3.5000	93.066/3.6640				
2T2784 STD	THRUST	91.950/3.6201	111.460/4.3882		2.36/.093	F250	2784T UL
		92.200/3.6299	111.710/4.3980				



3 Continued ... 3

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4011 UNB		33.012/1.2997 33.020/1.3000	36.881/1.4520 36.906/1.4530	2.110/.0831	35.81/1.410	F100	RB4011

4 Engine 4

Engine			Year	Cyl	Bore x Stroke		
B Series 1798cc Inline4 OHV 2v			01/1962 - 12/1978	L4	80.3mm x 88.9mm		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1891P STD, 010, 020, 030, 040		47.648/1.8759 47.661/1.8764	51.333/2.0210 51.346/2.0215	1.824/.0718	25.53/1.005	F780	1891 IH
CONROD							
4B2250 STD, 010, 020, 030, 040		47.648/1.8759 47.660/1.8764	51.333/2.0210 51.346/2.0215	1.816/.0715	20.06/.790	F780	2250 IH
MAINS							
3M2254A STD, 010, 020, 030, 040	1,2,3	54.013/2.1265 54.026/2.1270	57.683/2.2710 57.696/2.2715	1.816/.0715	28.70/1.130	F820	2254AL IH
MAINS							
5M2255A STD, 010, 020, 030, 040	1,3,5 2,4	54.013/2.1265 54.026/2.1270 54.013/2.1265 54.026/2.1270	57.683/2.2710 57.696/2.2715 57.683/2.2710 57.696/2.2715	1.816/.0715 1.816/.0715	28.70/1.130 19.55/.770	F820 F820	2254AL IH 2255AL IH
THRUST							
2T2252 STD		59.440/2.3402 59.690/2.3500	74.498/2.9330 74.752/2.9430		2.36/.093	F1	2252T UL
CAMS							
3C4306 STD	1 2 3	45.433/1.7887 45.445/1.7892 43.909/1.7287 43.922/1.7292 41.217/1.6227 41.229/1.6232	48.641/1.9150 48.666/1.9160 47.117/1.8550 47.142/1.8560 44.425/1.7490 44.450/1.7500	1.588/.0625 1.588/.0625 1.588/.0625	37.57/1.479 28.83/1.135 20.89/.822	F830 F23 F23	4306 4307 4308
PISTON PIN BUSH							
RB4012 UNB		20.640/.8126 20.640/.8126	23.805/.9372 23.825/.9380	1.730/.0681	27.23/1.072	F100	RB4012

5 Engine 5

Engine			Year	Cyl	Bore x Stroke		
A Series 948cc Inline4 OHV 2v			01/1957 - 12/1975	L4	62.9mm x 76.2mm		
APJM 948cc Inline4 OHV 2v			01/1961 - 12/1963	L4	62.9mm x 76.2mm		
BM7 848cc Inline4 OHV 2v			01/1959 - 12/1975	L4	62.9mm x 68.3mm		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
CONROD									
4B2201P STD, 010, 020, 030, 040, 050,		41.285/1.6254 41.298/1.6259	44.971/1.7705 44.983/1.7710	1.826/.0719	22.35/.880	F780	2201 IH		
MAINS									
3M2202P STD, 010, 020, 030, 040	1,2,3	30.22mm Wide		44.463/1.7505 44.475/1.7510	48.158/1.8960 48.171/1.8965	1.834/.0722	30.22/1.190	F780	2202 IH
THRUST									
2T2202 STD, 005		<i>Material is copper lead.</i>		49.911/1.9650 50.165/1.9750	61.849/2.4350 62.103/2.4450		2.36/.093	F250	2202T UL
THRUST									
2T4092 STD		<i>Material is babbitt.</i>		49.910/1.9650 50.170/1.9752	61.849/2.4350 62.103/2.4450		2.36/.093	F1	4092T UL
CAMS									
1C4096 STD	1	<i>Set contains one cam bush. Order # of bushes req'd.</i>							
		42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.641/.0646	28.83/1.135	F23	4096		



5 Continued ...							5
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

ROCKER ARM BUSH							
B558		14.275/.5620 14.275/.5620	17.450/.6870 17.450/.6870		15.88/.625	F100	B558

6 Engine		Year	Cyl	Bore x Stroke	6		
E Series 1485cc Inline4 OHV 2v		01/1969 - 12/1983	L4	76.2mm x 81.3mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD <i>U.K. Mid 1970 On, Australia 1972 To 1974.</i>							
4B1430A STD, 010, 020, 030, 040		47.648/1.8759 47.661/1.8764	51.333/2.0210 51.346/2.0215	1.824/.0718	16.89/.665	F820	1430AL IH
MAINS <i>Aust. Only.</i>							
5M1433A STD, 010, 020, 030, 040	1,2,3,4,5	60.353/2.3761 60.371/2.3768	64.008/2.5200 64.021/2.5205	1.807/.0711	20.85/.821	F820	1433AL IH
THRUST <i>Aust. Only.</i>							
2T1433 STD		65.790/2.5902 66.040/2.6000	81.915/3.2250 82.169/3.2350		2.36/.093	F1	1433T UL

7 Engine		Year	Cyl	Bore x Stroke	7		
E Series 2227cc Inline6 SOHC 2v		01/1970 - 12/1974	L6	76.2mm x 81.3mm			
E Series 2623cc Inline6 OHV 2v		01/1971 - 12/1975	L6	76.2mm x 95.8mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
6B1430A STD, 010, 020, 030, 040		47.648/1.8759 47.661/1.8764	51.333/2.0210 51.346/2.0215	1.824/.0718	16.89/.665	F820	1430AL IH

8 Engine		Year	Cyl	Bore x Stroke	8		
B Series 1200cc Inline4 OHV 2v		01/1954 - 12/1965	L4	65.5mm x 89.0mm			
B Series 1489cc Inline4 OHV 2v		01/1954 - 12/1964	L4	73.0mm x 88.9mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B1891P STD, 010, 020, 030, 040		47.648/1.8759 47.661/1.8764	51.333/2.0210 51.346/2.0215	1.824/.0718	25.53/1.005	F780	1891 IH
MAINS							
3M4302 STD, 010, 020, 030, 040	1,2,3	50.813/2.0005 50.825/2.0010	54.508/2.1460 54.521/2.1465	1.835/.0722	35.05/1.380	F23	4302 IH
THRUST							
2T4302 STD, 005		56.261/2.2150 56.515/2.2250	69.596/2.7400 69.850/2.7500		2.36/.093	F1	4302T UL
CAMS							
3C4306 STD	1	45.433/1.7887 45.445/1.7892	48.641/1.9150 48.666/1.9160	1.588/.0625	37.57/1.479	F830	4306
	2	43.909/1.7287 43.922/1.7292	47.117/1.8550 47.142/1.8560	1.588/.0625	28.83/1.135	F23	4307
	3	41.217/1.6227 41.229/1.6232	44.425/1.7490 44.450/1.7500	1.588/.0625	20.89/.822	F23	4308
ROCKER ARM BUSH							
B633		15.875/.6250 15.875/.6250	19.012/.7485 19.037/.7495		18.92/.745	F100	B633

9 Engine		Year	Cyl	Bore x Stroke	9		
A Series 1275cc Inline4 OHV 2v		01/1964 - On	L4	70.6mm x 81.3mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B2201P STD, 010, 020, 030, 040, 050		41.285/1.6254 41.298/1.6259	44.971/1.7705 44.983/1.7710	1.826/.0719	22.35/.880	F780	2201 IH

9 Continued ...							9	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B2206P STD, 010, 020, 030, 040, 050,	CONROD	44.460/1.7504	48.146/1.8955	1.824/.0718	21.59/.850	F780	2206 IH	
		44.473/1.7509	48.158/1.8960					
3M2204P STD, 010, 020, 030, 040, 050,	MAINS 1,2,3	50.813/2.0005	54.508/2.1460	1.829/.0720	25.52/1.005	F780	2204 IH	
		50.825/2.0010	54.521/2.1465					
3M2205P STD, .25, .50, .75, 1.00	MAINS 1,2,3	50.831/2.0012	54.509/2.1460	1.830/.0720	25.02/.985	F780	2205 UL	
		50.843/2.0017	54.529/2.1468					
2T2204 STD, 003, 030	THRUST	<i>76mm outside diameter.</i>			2.36/.093	F250	2204T UL	
		56.260/2.2150	76.070/2.9949					
3C4099 STD	CAMS	1	42.278/1.6645	45.606/1.7955	1.641/.0646	28.83/1.135	F23	4096
			42.291/1.6650	45.631/1.7965				
		2	41.217/1.6227	44.526/1.7530	1.628/.0641	19.30/.760	F23	4094
			41.229/1.6232	44.552/1.7540				
		3	34.867/1.3727	38.189/1.5035	1.641/.0646	19.30/.760	F23	4099
34.887/1.3735	38.209/1.5043							

10 Engine	Year	Cyl	Bore x Stroke	10
51UD 5103cc Inline6 OHV 2v Diesel	01/1966 - On	L6	95.0mm x 120.0mm	
57VD 5655cc Inline6 OHV 2v Diesel	01/1966 - On	L6	100.0mm x 120.0mm	
6/98 5650cc Inline6 OHV 2v	01/1966 - On	L6	98.0mm x 120.0mm	
6/98 5650cc Inline6 OHV 2v Diesel	01/1973 - On	L6	98.0mm x 125.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1131A STD, 010, 020, 030, 040, 050,	CONROD	66.662/2.6245	70.396/2.7715	1.842/.0725	31.11/1.225	F820	1131AL IH
		66.675/2.6250	70.409/2.7720				
7M1132A STD, 010, 020, 030, 040, 050,	MAINS 1,2,6,7	82.537/3.2495	86.805/3.4175	2.103/.0828	40.76/1.605	F810	1132A IH
		82.550/3.2500	86.830/3.4185				
	3,4,5	82.537/3.2495	86.805/3.4175	2.103/.0828	28.70/1.130	F810	1133A IH
		82.550/3.2500	86.830/3.4185				
2T1132 STD	THRUST	90.420/3.5598	107.671/4.2390		2.36/.093	F250	1132T UL
		90.680/3.5701	107.925/4.2490				
RB860	PISTON PIN BUSH	34.925/1.3750	39.687/1.5625	2.640/.1039	32.00/1.260	F100	RB860
		34.925/1.3750	39.703/1.5631				

11 Engine	Year	Cyl	Bore x Stroke	11
A Series 997cc Inline4 OHV 2v	01/1961 - 05/1965	L4	62.4mm x 81.3mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2201P STD, 010, 020, 030, 040, 050,	CONROD	41.285/1.6254	44.971/1.7705	1.826/.0719	22.35/.880	F780	2201 IH
		41.298/1.6259	44.983/1.7710				
3M2203P STD, 010, 020, 030, 040, 050,	MAINS 1,2,3	44.463/1.7505	48.158/1.8960	1.829/.0720	27.10/1.067	F780	2203 IH
		44.475/1.7510	48.171/1.8965				
2T2203 STD, 003	THRUST	<i>72mm outside diameter.</i>			2.36/.093	F250	2203T UL
		49.910/1.9650	71.760/2.8252				
3C4095 STD	CAMS	<i>No 3 cam is 14mm wide.</i>		1.641/.0646	28.83/1.135	F23	4096
		42.278/1.6645	45.606/1.7955				
		42.291/1.6650	45.631/1.7965				



11 Continued ...							11
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
3C4095 STD	2	41.217/1.6227 41.229/1.6232	44.526/1.7530 44.552/1.7540	1.628/.0641	19.30/.760	F23	4094
	3	34.867/1.3727 34.879/1.3732	38.176/1.5030 38.202/1.5040	1.628/.0641	13.74/.541	F23	4095
	PISTON PIN BUSH						
RB843		15.862/.6245 15.875/.6250	19.037/.7495 19.062/.7505	1.730/.0681	22.35/.880	F100	RB843
	ROCKER ARM BUSH						
B558		14.275/.5620 14.275/.5620	17.450/.6870 17.450/.6870		15.88/.625	F100	B558

12 Engine				Year	Cyl	Bore x Stroke	12
A Series 1098cc Inline4 OHV 2v				01/1961 - 12/1981	L4	64.6mm x 83.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2201P STD, 010, 020, 030, 040, 050,	CONROD						
		41.285/1.6254 41.298/1.6259	44.971/1.7705 44.983/1.7710	1.826/.0719	22.35/.880	F780	2201 IH
3M2203P STD, 010, 020, 030, 040, 050,	MAINS						
	1,2,3	44.463/1.7505 44.475/1.7510	48.158/1.8960 48.171/1.8965	1.829/.0720	27.10/1.067	F780	2203 IH
3M2204P STD, 010, 020, 030, 040, 050,	MAINS						
	1,2,3	50.813/2.0005 50.825/2.0010	54.508/2.1460 54.521/2.1465	1.829/.0720	25.52/1.005	F780	2204 IH
2T2203 STD, 003	THRUST						
		72mm outside diameter.		49.910/1.9650 50.160/1.9748	71.760/2.8252 72.010/2.8350	2.36/.093	F250
2T2204 STD, 003, 030	THRUST						
		76mm outside diameter.		56.260/2.2150 56.510/2.2248	76.070/2.9949 76.330/3.0051	2.36/.093	F250
3C4095 STD	CAMS						
	No 3 cam is 14mm wide.						
	1	42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.641/.0646	28.83/1.135	F23	4096
	2	41.217/1.6227 41.229/1.6232	44.526/1.7530 44.552/1.7540	1.628/.0641	19.30/.760	F23	4094
	3	34.867/1.3727 34.879/1.3732	38.176/1.5030 38.202/1.5040	1.628/.0641	13.74/.541	F23	4095
	CAMS						
3C4099 STD	1	42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.641/.0646	28.83/1.135	F23	4096
	2	41.217/1.6227 41.229/1.6232	44.526/1.7530 44.552/1.7540	1.628/.0641	19.30/.760	F23	4094
	3	34.867/1.3727 34.887/1.3735	38.189/1.5035 38.209/1.5043	1.641/.0646	19.30/.760	F23	4099
	PISTON PIN BUSH						
RB843		15.862/.6245 15.875/.6250	19.037/.7495 19.062/.7505	1.730/.0681	22.35/.880	F100	RB843
	ROCKER ARM BUSH						
B558		14.275/.5620 14.275/.5620	17.450/.6870 17.450/.6870		15.88/.625	F100	B558

13 Engine				Year	Cyl	Bore x Stroke	13
12YE 1275cc Inline4 OHV 2v				01/1967 - 12/1982	L4	70.6mm x 81.3mm	
A Series 1275cc Inline4 OHV 3v				10/1967 - 12/1982	L4	70.6mm x 81.3mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2206P STD, 010, 020, 030, 040, 050,	CONROD						
		44.460/1.7504 44.473/1.7509	48.146/1.8955 48.158/1.8960	1.824/.0718	21.59/.850	F780	2206 IH



13 Continued ...							13
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
3M2204P STD, 010, 020, 030, 040, 050,	MAINS						
	1,2,3	50.813/2.0005 50.825/2.0010	54.508/2.1460 54.521/2.1465	1.829/.0720	25.52/1.005	F780	2204 IH
2T2204 STD, 003, 030	THRUST	<i>76mm outside diameter.</i>					
		56.260/2.2150 56.510/2.2248	76.070/2.9949 76.330/3.0051		2.36/.093	F250	2204T UL
3C4099 STD	CAMS						
	1	42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.641/.0646	28.83/1.135	F23	4096
	2	41.217/1.6227 41.229/1.6232	44.526/1.7530 44.552/1.7540	1.628/.0641	19.30/.760	F23	4094
	3	34.867/1.3727 34.887/1.3735	38.189/1.5035 38.209/1.5043	1.641/.0646	19.30/.760	F23	4099

14 Engine				Year	Cyl	Bore x Stroke	14
A Series 848cc Inline4 OHV 2v				01/1959 - 12/1980	L4	62.9mm x 68.3mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2201P STD, 010, 020, 030, 040, 050,	CONROD						
		41.285/1.6254 41.298/1.6259	44.971/1.7705 44.983/1.7710	1.826/.0719	22.35/.880	F780	2201 IH
3M2202P STD, 010, 020, 030, 040	MAINS	<i>30.22mm Wide</i>					
	1,2,3	44.463/1.7505 44.475/1.7510	48.158/1.8960 48.171/1.8965	1.834/.0722	30.22/1.190	F780	2202 IH
3M2203P STD, 010, 020, 030, 040, 050,	MAINS						
	1,2,3	44.463/1.7505 44.475/1.7510	48.158/1.8960 48.171/1.8965	1.829/.0720	27.10/1.067	F780	2203 IH
2T2202 STD, 005	THRUST	<i>Material is copper lead.</i>					
		49.911/1.9650 50.165/1.9750	61.849/2.4350 62.103/2.4450		2.36/.093	F250	2202T UL
2T4092 STD	THRUST	<i>Material is babbitt.</i>					
		49.910/1.9650 50.170/1.9752	61.849/2.4350 62.103/2.4450		2.36/.093	F1	4092T UL
1C4096 STD	CAMS	<i>Set contains one cam bush. Order # of bushes req'd.</i>					
	1	42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.641/.0646	28.83/1.135	F23	4096
B558	ROCKER ARM BUSH						
		14.275/.5620 14.275/.5620	17.450/.6870 17.450/.6870		15.88/.625	F100	B558

15 Engine				Year	Cyl	Bore x Stroke	15
12YD 1275cc Inline4 OHV 2v				01/1964 - 06/1969	L4	70.6mm x 81.3mm	
A Series 1071cc Inline4 OHV 2v				01/1963 - 12/1974	L4	70.6mm x 61.9mm	
A Series 970cc Inline4 OHV 2v				01/1963 - On	L4	70.6mm x 61.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2201P STD, 010, 020, 030, 040, 050,	CONROD						
		41.285/1.6254 41.298/1.6259	44.971/1.7705 44.983/1.7710	1.826/.0719	22.35/.880	F780	2201 IH
3M2204P STD, 010, 020, 030, 040, 050,	MAINS						
	1,2,3	50.813/2.0005 50.825/2.0010	54.508/2.1460 54.521/2.1465	1.829/.0720	25.52/1.005	F780	2204 IH
2T2204 STD, 003, 030	THRUST	<i>76mm outside diameter.</i>					
		56.260/2.2150 56.510/2.2248	76.070/2.9949 76.330/3.0051		2.36/.093	F250	2204T UL
3C4099 STD	CAMS						
	1	42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.641/.0646	28.83/1.135	F23	4096



15 Continued ... 15

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
3C4099 STD	2	41.217/1.6227 41.229/1.6232	44.526/1.7530 44.552/1.7540	1.628/.0641	19.30/.760	F23	4094
	3	34.867/1.3727 34.887/1.3735	38.189/1.5035 38.209/1.5043	1.641/.0646	19.30/.760	F23	4099

16 Engine Year Cyl Bore x Stroke 16
A Series 998cc Inline4 OHV 2v 01/1961 - 12/1992 L4 64.6mm x 76.2mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B2201P STD, 010, 020, 030, 040, 050,		41.285/1.6254 41.298/1.6259	44.971/1.7705 44.983/1.7710	1.826/.0719	22.35/.880	F780	2201 IH	
	MAINS							
3M2203P STD, 010, 020, 030, 040, 050,	1,2,3	44.463/1.7505 44.475/1.7510	48.158/1.8960 48.171/1.8965	1.829/.0720	27.10/1.067	F780	2203 IH	
	MAINS							
3M3427P STD, 010, 020, 030, 040	1,2,3	44.463/1.7505 44.475/1.7510	48.158/1.8960 48.171/1.8965	1.829/.0720	27.10/1.067	F780	3427 L	
	1,2,3	44.463/1.7505 44.475/1.7510	48.158/1.8960 48.171/1.8965	1.829/.0720	27.10/1.067	F780	2203 IH	
	THRUST							
			72mm outside diameter.					
2T2203 STD, 003		49.910/1.9650 50.160/1.9748	71.760/2.8252 72.010/2.8350		2.36/.093	F250	2203T UL	
	CAMS							
		No 3 cam is 14mm wide.						
3C4095 STD	1	42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.641/.0646	28.83/1.135	F23	4096	
	2	41.217/1.6227 41.229/1.6232	44.526/1.7530 44.552/1.7540	1.628/.0641	19.30/.760	F23	4094	
	3	34.867/1.3727 34.879/1.3732	38.176/1.5030 38.202/1.5040	1.628/.0641	13.74/.541	F23	4095	
	PISTON PIN BUSH							
RB843		15.862/.6245 15.875/.6250	19.037/.7495 19.062/.7505	1.730/.0681	22.35/.880	F100	RB843	
	ROCKER ARM BUSH							
B558		14.275/.5620 14.275/.5620	17.450/.6870 17.450/.6870		15.88/.625	F100	B558	

17 Engine Year Cyl Bore x Stroke 17
B Series 1622cc Inline4 OHV 2v 01/1959 - 12/1978 L4 76.2mm x 88.9mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1891P STD, 010, 020, 030, 040		47.648/1.8759 47.661/1.8764	51.333/2.0210 51.346/2.0215	1.824/.0718	25.53/1.005	F780	1891 IH
	MAINS						
3M2215A STD, 010, 020, 030, 040	1,2,3	50.813/2.0005 50.825/2.0010	54.508/2.1460 54.521/2.1465	1.836/.0723	31.11/1.225	F810	2215A IH
	CAMS						
3C4036 STD	1	45.434/1.7887 45.447/1.7892	48.641/1.9150 48.666/1.9160	1.587/.0625	24.13/.950	F23	4036
	2	43.897/1.7282 43.910/1.7287	47.117/1.8550 47.142/1.8560	1.588/.0625	22.10/.870	F23	4037
	3	41.218/1.6228 41.231/1.6233	44.425/1.7490 44.450/1.7500	1.587/.0625	24.13/.950	F23	4038

18	Engine	Year	Cyl	Bore x Stroke	18
	34T 3400cc Inline4 OHV 2v Diesel	01/1966 - On	L4	95.0mm x 120.0mm	
	38T 3770cc Inline4 OHV 2v Diesel	01/1966 - On	L4	100.0mm x 120.0mm	
	4/98 3770cc Inline4 OHV 2v Diesel	01/1973 - On	L4	98.0mm x 125.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1131A STD, 010, 020, 030, 040, 050,		66.662/2.6245	70.396/2.7715	1.842/.0725	31.11/1.225	F820	1131AL
		66.675/2.6250	70.409/2.7720				IH
MAINS							
5M1132A STD, 010, 020, 030, 040, 050,	1,3,5	82.537/3.2495	86.805/3.4175	2.103/.0828	40.76/1.605	F810	1132A
		82.550/3.2500	86.830/3.4185				IH
	2,4	82.537/3.2495	86.805/3.4175	2.103/.0828	28.70/1.130	F810	1133A
		82.550/3.2500	86.830/3.4185				IH
THRUST							
2T1132 STD		90.420/3.5598	107.671/4.2390		2.36/.093	F250	1132T
		90.680/3.5701	107.925/4.2490				UL
PISTON PIN BUSH							
RB860		34.925/1.3750	39.687/1.5625	2.640/.1039	32.00/1.260	F100	RB860
		34.925/1.3750	39.703/1.5631				

19	Engine	Year	Cyl	Bore x Stroke	19
	4416cc V8 OHV 2v	06/1973 - 12/1980	V8	88.9mm x 88.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B610A STD, 010, 020, 030, 040		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A
		50.813/2.0005	53.980/2.1252				IH
MAINS							
5M2227 STD, 010, 020, 030	1 TO 5	64.757/2.5495	69.055/2.7187	2.131/.0839	20.50/.807	F780	2227
		64.770/2.5500	69.068/2.7192				UL
THRUST							
1T2219 STD		72.140/2.8402	88.773/3.4950		2.36/.093	F250	2219T
		72.390/2.8500	89.027/3.5050				IH
CAMS							
5C4326 STD	1	45.339/1.7850	48.654/1.9155	1.633/.0643	19.30/.760	F23	4326
		45.364/1.7860	48.704/1.9175				
	2	44.577/1.7550	47.892/1.8855	1.633/.0643	19.30/.760	F23	4327
		44.602/1.7560	47.942/1.8875				
	3	43.815/1.7250	47.130/1.8555	1.633/.0643	19.30/.760	F23	4328
	43.840/1.7260	47.180/1.8575					
4	43.053/1.6950	46.368/1.8255	1.633/.0643	19.30/.760	F23	4329	
	43.078/1.6960	46.418/1.8275					
5	42.291/1.6650	45.606/1.7955	1.633/.0643	19.30/.760	F23	4320	
	42.316/1.6660	45.656/1.7975					

20	Engine	Year	Cyl	Bore x Stroke	20
	1670cc Inline4 OHV 2v	01/1964 - 12/1966	L4	76.0mm x 92.0mm	
	2138cc Inline4 OHV 2v	01/1962 - On	L4	86.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1841P STD, 010, 020, 030, 040, 060		52.984/2.0860	56.710/2.2327	1.842/.0725	24.76/.975	F780	1841
		53.000/2.0866	56.731/2.2335				IH
CONROD							
4B3068 STD, 010, 020, 030, 040		52.984/2.0860	56.711/2.2327	1.848/.0728	24.76/.975	F23	3068
		53.000/2.0866	56.731/2.2335				IH
MAINS							
3M3284 STD, 010, 020, 030	1,2,3	62.967/2.4790	66.675/2.6250	1.835/.0722	38.23/1.505	F23	3284
		62.979/2.4795	66.688/2.6255				IH



20 Continued ...								20
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
2T7062 STD, 005	THRUST	68.072/2.6800	80.823/3.1820		2.36/.093	F1	7062T	
		68.326/2.6900	81.077/3.1920				UL	
RB875	PISTON PIN BUSH	22.225/.8750	25.387/.9995	1.740/.0685	27.56/1.085	F100	RB875	
		22.230/.8752	25.400/1.0000					
21 Engine				Year	Cyl	Bore x Stroke		21
350 5760cc Inline6 OHV 2v Diesel				01/1953 - 12/1960	L6	100.6mm x 120.7mm		
375 6170cc Inline6 OHV 2v Diesel				01/1958 - 12/1973	L6	104.2mm x 120.7mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
6B2771P STD, 010, 020, 030, 040	CONROD	60.955/2.3998	64.592/2.5430	1.793/.0706	34.79/1.370	F780	2771	
		60.973/2.4005	64.605/2.5435				IH	

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
PC 985cc Inline4 SOHC	01/1970 - 12/1978	L4	985	60	35
PB 987cc Inline4 OHV 2v	01/1966 - 12/1978	L4	987	60	14
E1 1071cc Inline4 SOHC	01/1980 - 12/1986	L4	1071	65	4
B1 1138cc Inline4 SOHC 2v	10/1985 - 12/1995	L4	1138	69	8
TA 1169cc Inline4 OHV 2v	01/1969 - 12/1973	L4	1169	71	14
TB 1169cc Inline4 OHV 2v	01/1968 - 12/1974	L4	1169	71	14
TC 1272cc Inline4 SOHC 2v	01/1970 - 12/1980	L4	1272	77	42
BJ 1290cc Inline4 DOHC 4v	10/1986 - On	L4	1290	78	11
E3 1296cc Inline4 SOHC	10/1980 - 12/1990	L4	1296	79	4
B3 1323cc Inline4 DOHC 4v	09/1990 - 12/1995	L4	1323	80	9
B3 1323cc Inline4 SOHC 2v	12/1986 - 12/1999	L4	1323	80	8
B3-MI 1323cc Inline4 SOHC 4v	11/1990 - 12/2002	L4	1323	80	9
UC 1415cc Inline4 SOHC	05/1978 - 10/1985	L4	1415	86	4
UA 1484cc Inline4 SOHC	01/1966 - 12/1977	L4	1484	90	43
Z5-DE 1489cc Inline4 DOHC 4v	01/1994 - 12/1998	L4	1489	90	9
D5 1490cc Inline4 SOHC 2v	10/1981 - 12/1986	L4	1490	90	19
E5 1490cc Inline4 SOHC 2v	10/1980 - 12/1985	L4	1490	90	4
E5T Carb 1490cc Inline4 SOHC 2v Turbo	01/1985 - 12/2005	L4	1490	90	4
E5T EFI 1490cc Inline4 SOHC 2v Turbo	01/1982 - 12/1985	L4	1490	90	4
UB 1490cc Inline4 SOHC	05/1967 - 12/1974	L4	1490	90	44
B5 1498cc Inline4 SOHC 2v	12/1986 - 04/2001	L4	1498	91	8
B5-ME 1498cc Inline4 SOHC 4v	01/1992 - 12/2002	L4	1498	91	8
B5-MI 1498cc Inline4 SOHC 4v	01/1990 - 12/2002	L4	1498	91	25
ZL-VE 1498cc Inline4 DOHC 4v	01/1998 - 12/2002	L4	1498	91	5
ZY-VE 1498cc Inline4 DOHC 4v	08/2002 - On	L4	1498	91	16
NA 1586cc Inline4 SOHC 2v	10/1970 - 12/1983	L4	1586	96	34
F6 1587cc Inline4 SOHC	09/1982 - 09/1987	L4	1587	96	20
B6 1597cc Inline4 SOHC 2v	10/1985 - 12/1994	L4	1597	97	24
B6-2E/B6-ME 1597cc Inline4 SOHC 4v	01/1990 - 12/1994	L4	1597	97	5
B6D 1597cc Inline4 DOHC 4v	01/1985 - 02/1999	L4	1597	97	26
B6F 1597cc Inline4 SOHC 2v	01/1985 - 08/1998	L4	1597	97	24
B6T 1597cc Inline4 DOHC 4v Turbo	01/1988 - 11/1994	L4	1597	97	11
ZM-DE 1598cc Inline4 DOHC 4v	01/1998 - 12/2002	L4	1598	97	5
PN 1720cc Inline4 SOHC Diesel	06/1985 - 02/1996	L4	1720	104	36
VC 1769cc Inline4 SOHC 2v	12/1973 - 12/1986	L4	1769	107	34
F8 1789cc Inline4 DOHC 4v	01/1988 - 12/1996	L4	1789	109	13
F8 1789cc Inline4 SOHC 2v	01/1983 - 12/2006	L4	1789	109	20
F8 1789cc Inline4 SOHC 3v	03/1987 - 12/2005	L4	1789	109	18
VB 1796cc Inline4 SOHC 2v	12/1969 - 12/1980	L4	1796	109	33
BP 1840cc Inline4 SOHC 4v	10/1987 - 10/1994	L4	1840	112	5
BP-4W 1840cc Inline4 DOHC 4v	03/1998 - 10/2000	L4	1840	112	11
BPD 1840cc Inline4 DOHC 4v	10/1989 - 12/1999	L4	1840	112	11
BP-T 1840cc Inline4 DOHC 4v Turbo	04/1987 - 12/1993	L4	1840	112	11
BP-Z3 1840cc Inline4 DOHC VVT 4v	10/2000 - 12/2005	L4	1840	112	12
BP-Z3 1840cc Inline4 DOHC VVT 4v Turbo	01/2002 - 12/2005	L4	1840	112	12
BP-ZE 1840cc Inline4 DOHC 4v	11/1993 - 12/1997	L4	1840	112	11
FP-D 1840cc Inline4 DOHC 4v	01/1998 - 12/2003	L4	1840	112	21
K8 1844cc V6 DOHC 4v	01/1992 - 12/1997	V6	1844	112	31
MA 1970cc Inline4 SOHC 2v	01/1974 - 12/1987	L4	1970	120	33
JF 1977cc V6 SOHC 2v	01/1986 - 12/1989	V6	1977	120	15
VA 1985cc Inline4 OHV 2v	12/1971 - 12/1994	L4	1985	121	45
YF 1989cc Inline4 DOHC 4v	03/2001 - 12/2004	L4	1989	121	47
FS 1991cc Inline4 DOHC 4v	12/1991 - 12/2003	L4	1991	121	21
KF 1995cc V6 DOHC 4v	07/1994 - 05/1998	V6	1995	121	31
FE 1998cc Inline4 SOHC 2v	01/1982 - 12/2006	L4	1998	121	20
FE-E 1998cc Inline4 DOHC 4v	04/1987 - 01/1993	L4	1998	121	13
FE-T 1998cc Inline4 SOHC 2v Turbo	09/1985 - 12/1987	L4	1998	121	13
LF MZR 1998cc Inline4 DOHC 4v	01/2005 - On	L4	1998	121	3



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
RF 1998cc Inline4 SOHC 2v Diesel	05/1983 - 12/1992	L4	1998	121	30
RF-T 1998cc Inline4 SOHC 2v Turbo Diesel	01/1988 - On	L4	1998	121	27
F2 2184cc Inline4 SOHC 2v	01/1987 - 03/1996	L4	2184	133	18
F2 2184cc Inline4 SOHC 3v	04/1987 - 04/1996	L4	2184	133	18
F2-T 2184cc Inline4 SOHC 3v Turbo	10/1987 - 01/1998	L4	2184	133	18
R2 2184cc Inline4 SOHC 2v Diesel	01/1980 - 02/2000	L4	2184	133	37
S2 2209cc Inline4 OHV 2v Diesel	09/1979 - 12/1996	L4	2209	134	40
KJ Miller 2254cc V6 DOHC 4v	09/1993 - 08/2002	V6	2254	137	32
L3 MZR 2260cc Inline4 DOHC 4v	01/2001 - On	L4	2260	137	2
L3-VDT MZR 2260cc Inline4 DOHC 4v DISI Turbo	07/2006 - On	L4	2260	137	10
KL 2496cc V6 DOHC 4v	01/1992 - 04/2001	V6	2496	152	32
WL 2500cc Inline4 SOHC 3v Diesel	01/1996 - On	L4	2500	152	29
WL-C 2500cc Inline4 DOHC 4v Turbo Diesel	11/2006 - On	L4	2500	152	7
WLT 2500cc Inline4 SOHC 3v Turbo Diesel	01/1999 - 12/2006	L4	2500	152	1
XA 2522cc Inline4 OHV 2v Diesel	06/1967 - 06/1989	L4	2522	153	39
G6 2606cc Inline4 SOHC 3v	01/1989 - 12/1994	L4	2606	159	22
XB 2701cc Inline4 OHV 2v Diesel	04/1972 - 02/1977	L4	2701	164	38
W9 2953cc Inline4 DOHC 4v T/Diesel	01/2006 - On	L4	2953	180	6
WE-C 2953cc Inline4 DOHC 4v T/Diesel	12/2006 - On	L4	2953	180	6
JE 2954cc V6 SOHC 3v	01/1987 - 12/1999	V6	2954	180	17
JE-ZE 2954cc V6 DOHC 4v	01/1988 - 08/1998	V6	2954	180	17
AJ MZI 2967cc V6 DOHC 4v	02/2001 - 12/2006	V6	2967	181	48
HA 2977cc Inline4 OHV 2v Diesel	01/1977 - 03/1989	L4	2977	181	23
SL 3455cc Inline4 OHV 2v Diesel	02/1984 - 12/1989	L4	3455	210	41
SL 3455cc Inline4 OHV 2v Turbo Diesel	02/1987 - 12/1992	L4	3455	210	41
YA 3783cc Inline6 SOHC 2v Diesel	12/1969 - 12/1974	L6	3783	230	28
TF 4021cc Inline4 OHV 2v Diesel	01/1989 - On	L4	4021	245	46
ZB 4052cc Inline6 OHV 2v Diesel	02/1972 - 05/1987	L6	4052	247	28
TM 4553cc Inline4 OHV 2v Diesel	01/1992 - On	L4	4553	277	46

1 Engine		Year		Cyl	Bore x Stroke		1
WLT 2500cc Inline4 SOHC 3v Turbo Diesel		01/1999 - 12/2006		L4	93.0mm x 92.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8240A STD, .25, .50, .75, 1.00		54.940/2.1630	58.020/2.2842	1.505/.0593	23.60/.929	F810	8240A IH
		54.955/2.1636	58.000/2.2835				
4B8240P STD, .25, .50, .75, 1.00		54.940/2.1630	58.020/2.2842	1.505/.0593	23.60/.929	F780	8240 IH
		54.955/2.1636	58.020/2.2842				
MAINS							
5M8242A STD, .25, .50, .75, 1.00	1,2,4,5	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A UL
		66.955/2.6360	71.020/2.7961				
	3	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A UL
		66.955/2.6360	71.020/2.7961				
THRUST							
2T8242 STD		74.900/2.9488	91.350/3.5964		2.49/.098	F817	8242T UL
		75.150/2.9587	91.600/3.6063				
BALANCE <i>Suits turbo engines only. Suits turbo engines only. Semi-finished bore.</i>							
3B58303 STD	1	41.945/1.6514	46.000/1.8110		23.25/.915	F810	8303
		41.960/1.6520	46.020/1.8118				
	2	39.945/1.5726	44.000/1.7323		26.25/1.033	F810	8304
		39.960/1.5732	44.020/1.7331				
3	37.945/1.4939	42.000/1.6535		20.25/.797	F810	8305	
	37.960/1.4945	42.020/1.6543					
PISTON PIN BUSH <i>Set of 4. Tapered Bush.</i>							
4RB4111 UNB			35.000/1.3780	1.630/.0642	30.80/1.213	F100	4RB4111
			35.030/1.3791				
PISTON PIN BUSH <i>Tapered bush.</i>							
RB4111 UNB			35.000/1.3780	1.630/.0642	30.80/1.213	F100	RB4111
			35.030/1.3791				

2 Engine		Year		Cyl	Bore x Stroke		2
L3 MZR 2260cc Inline4 DOHC 4v		01/2001 - On		L4	87.5mm x 94.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8170A STD, .25, .50		49.980/1.9677	53.025/2.0876	1.500/.0591	17.00/.669	F810	8170A IH
		50.000/1.9685	53.045/2.0884				
RACE SERIES							
4B8170H STD, .025, .25		49.980/1.9677	53.025/2.0876	1.500/.0591	17.00/.669	F781	8170H IH
		50.000/1.9685	53.045/2.0884				
RACE SERIES							
4B8170HX STD		49.980/1.9677	53.025/2.0876	1.487/.0585	17.00/.669	F781	8170HX IH
		50.000/1.9685	53.045/2.0884				
MAINS							
5M8174A STD, .25, .50, .75	1,2,3,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A L
		52.000/2.0472	57.037/2.2455				
	1,2,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A U
		52.000/2.0472	57.037/2.2455				
	3	51.980/2.0465	57.019/2.2448	2.504/.0986	25.75/1.014	F810	8174A(F) U
		52.000/2.0472	57.037/2.2455				

3 Engine		Year		Cyl	Bore x Stroke		3
LF MZR 1998cc Inline4 DOHC 4v		01/2005 - On		L4	87.5mm x 83.1mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearing does not have a notch.</i>							
4B4390A STD, .25, .50, .75		46.980/1.8496	50.025/1.9695	1.505/.0593	16.25/.640	F810	4390A IH
		47.000/1.8504	50.045/1.9703				



3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 4B4390H STD, .025, .25	CONROD	46.980/1.8496	50.025/1.9695	1.503/.0592	16.25/.640	F781	4390H IH
		47.000/1.8504	50.045/1.9703				
RACE SERIES 4B4390HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.491/.0587	16.25/.640	F781	4390HX IH
		46.980/1.8496	50.025/1.9695	50.045/1.9703			
4B4390P STD, .25, .50	CONROD	<i>Bearing does not have a notch.</i>		1.505/.0593	16.25/.640	F780	4390 IH
		46.980/1.8496	50.025/1.9695	50.045/1.9703			
5M8174A STD, .25, .50, .75	MAINS 1,2,3,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A L
		52.000/2.0472	57.037/2.2455				
	1,2,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A U
		52.000/2.0472	57.037/2.2455				
3	51.980/2.0465	57.019/2.2448	2.504/.0986	25.75/1.014	F810	8174A(F) U	
		52.000/2.0472	57.037/2.2455				

4 Engine	Year	Cyl	Bore x Stroke	4
E1 1071cc Inline4 SOHC	01/1980 - 12/1986	L4	70.0mm x 69.6mm	
E3 1296cc Inline4 SOHC	10/1980 - 12/1990	L4	77.0mm x 69.6mm	
E5 1490cc Inline4 SOHC 2v	10/1980 - 12/1985	L4	77.0mm x 80.0mm	
E5T Carb 1490cc Inline4 SOHC 2v Turbo	01/1985 - 12/2005	L4	77.0mm x 80.0mm	
E5T EFI 1490cc Inline4 SOHC 2v Turbo	01/1982 - 12/1985	L4	77.0mm x 80.0mm	
UC 1415cc Inline4 SOHC	05/1978 - 10/1985	L4	77.0mm x 76.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8331A STD, .25, .50, .75, 1.00, 1.25	CONROD	39.939/1.5724	43.000/1.6929	1.515/.0596	17.00/.669	F810	8331A IH
		39.954/1.5730	43.019/1.6937				
5M8334A STD, .25, .50, .75, 1.00, 1.25	MAINS 1,2,3,4,5	49.939/1.9661	54.000/2.1260	2.012/.0792	19.00/.748	F810	8334A IH
		49.954/1.9667	54.020/2.1268				
2T8334 STD	THRUST	57.100/2.2480	68.580/2.7000		2.00/.079	F250	8334T UL
		57.350/2.2579	68.830/2.7098				

5 Engine	Year	Cyl	Bore x Stroke	5
B6-2E/B6-ME 1597cc Inline4 SOHC 4v	01/1990 - 12/1994	L4	78.0mm x 83.6mm	
BP 1840cc Inline4 SOHC 4v	10/1987 - 10/1994	L4	83.0mm x 85.0mm	
ZL-VE 1498cc Inline4 DOHC 4v	01/1998 - 12/2002	L4	78.0mm x mm	
ZM-DE 1598cc Inline4 DOHC 4v	01/1998 - 12/2002	L4	78.0mm x 83.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8351A STD, .25, .50, .75, 1.00	CONROD	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F810	8351A IH
		44.956/1.7699	48.016/1.8904				
RACE SERIES 4B8351H STD, .025, .25, .50	CONROD	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F781	8351H IH
		44.956/1.7699	48.016/1.8904				
RACE SERIES 4B8351HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.502/.0591	17.00/.669	F781	8351HX IH
		44.940/1.7693	48.000/1.8898	48.016/1.8904			
5M8353A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Set is half groove.</i>		2.013/.0793	17.63/.694	F810	8354A U
		49.938/1.9661	53.998/2.1259	54.018/2.1267			
	1,2,3,4,5.	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8353A L
		49.956/1.9668	54.018/2.1267				

5 Continued ...							5
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 5M8353H STD, .025, .25, .50	MAINS 1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8354H U
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8353H L
RACE SERIES 5M8353HX STD	MAINS 1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.000/.0787	17.63/.694	F780	8354HX U
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.000/.0787	17.63/.694	F780	8353HX L
1T8353 STD	THRUST	57.100/2.2480 57.350/2.2579	68.580/2.7000 68.830/2.7098		2.55/.100	F250	8353T IH

6 Engine	Year	Cyl	Bore x Stroke	6
W9 2953cc Inline4 DOHC 4v T/Diesel	01/2006 - On	L4	96.0mm x 102.0mm	
WE-C 2953cc Inline4 DOHC 4v T/Diesel	12/2006 - On	L4	96.0mm x 102.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8243A STD, .25, .50, .75, 1.00	CONROD	56.940/2.2417 56.955/2.2423	60.005/2.3624 60.020/2.3630	1.511/.0595	23.60/.929	F810	8243A IH
4B8243P STD, .25, .50, .75, 1.00	CONROD	56.940/2.2417 56.955/2.2423	60.005/2.3624 60.020/2.3630	1.511/.0595	23.60/.929	F780	8243 IH
5M8242A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	66.937/2.6353 66.955/2.6360	71.000/2.7953 71.020/2.7961	2.005/.0789	22.57/.889	F810	8242A UL
	3	66.937/2.6353 66.955/2.6360	71.000/2.7953 71.020/2.7961	2.005/.0789	22.57/.889	F810	8242A UL
2T8242 STD	THRUST	74.900/2.9488 75.150/2.9587	91.350/3.5964 91.600/3.6063		2.49/.098	F817	8242T UL
4RB4263 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		35.000/1.3780	1.535/.0604	F100	4RB4263
RB4263 UNB	PISTON PIN BUSH		35.000/1.3780	1.535/.0604	30.80/1.213	F100	RB4263

7 Engine	Year	Cyl	Bore x Stroke	7
WL-C 2500cc Inline4 DOHC 4v Turbo Diesel	11/2006 - On	L4	93.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8240A STD, .25, .50, .75, 1.00	CONROD	54.940/2.1630 54.955/2.1636	58.020/2.2842 58.000/2.2835	1.505/.0593	23.60/.929	F810	8240A IH
4B8240P STD, .25, .50, .75, 1.00	CONROD	54.940/2.1630 54.955/2.1636	58.020/2.2842 58.020/2.2842	1.505/.0593	23.60/.929	F780	8240 IH
5M8242A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	66.937/2.6353 66.955/2.6360	71.000/2.7953 71.020/2.7961	2.005/.0789	22.57/.889	F810	8242A UL
	3	66.937/2.6353 66.955/2.6360	71.000/2.7953 71.020/2.7961	2.005/.0789	22.57/.889	F810	8242A UL
2T8242 STD	THRUST	74.900/2.9488 75.150/2.9587	91.350/3.5964 91.600/3.6063		2.49/.098	F817	8242T UL



7 Continued ...							7
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

BALANCE		<i>Suits turbo engines only. Semi-finished bore.</i>					
3BS8303 STD	1	41.945/1.6514	46.000/1.8110		23.25/.915	F810	8303
		41.960/1.6520	46.020/1.8118				
	2	39.945/1.5726	44.000/1.7323		26.25/1.033	F810	8304
	3	39.960/1.5732	44.020/1.7331				
		37.945/1.4939	42.000/1.6535		20.25/.797	F810	8305
		37.960/1.4945	42.020/1.6543				

8 Engine				Year	Cyl	Bore x Stroke	8
B1 1138cc Inline4 SOHC 2v				10/1985 - 12/1995	L4	68.0mm x 78.4mm	
B3 1323cc Inline4 SOHC 2v				12/1986 - 12/1999	L4	71.0mm x 83.6mm	
B5 1498cc Inline4 SOHC 2v				12/1986 - 04/2001	L4	78.0mm x 78.2mm	
B5-ME 1498cc Inline4 SOHC 4v				01/1992 - 12/2002	L4	78.0mm x 78.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B8331A STD, .25, .50, .75, 1.00, 1.25		39.939/1.5724	43.000/1.6929	1.515/.0596	17.00/.669	F810	8331A
		39.954/1.5730	43.019/1.6937				IH
MAINS		<i>Set is half groove.</i>					
5M8353A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A
		49.956/1.9668	54.018/2.1267				U
	1,2,3,4,5.	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8353A
		49.956/1.9668	54.018/2.1267				L
RACE SERIES		MAINS					
5M8353H STD, .025, .25, .50	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H
		49.956/1.9668	54.018/2.1267				L
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H
		49.956/1.9668	54.018/2.1267				U
RACE SERIES		MAINS					
5M8353HX STD	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8354HX
		49.956/1.9668	54.018/2.1267				U
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8353HX
		49.956/1.9668	54.018/2.1267				L
MAINS		<i>Set is full groove.</i>					
5M8354A STD, .25, .50, .75, 1.00	1,2,3,4,5.	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A
		49.956/1.9668	54.018/2.1267				IH
THRUST							
1T8353 STD		57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T
		57.350/2.2579	68.830/2.7098				IH

9 Engine				Year	Cyl	Bore x Stroke	9
B3 1323cc Inline4 DOHC 4v				09/1990 - 12/1995	L4	71.0mm x 83.6mm	
B3-MI 1323cc Inline4 SOHC 4v				11/1990 - 12/2002	L4	71.0mm x 83.6mm	
Z5-DE 1489cc Inline4 DOHC 4v				01/1994 - 12/1998	L4	75.3mm x 83.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B8331A STD, .25, .50, .75, 1.00, 1.25		39.939/1.5724	43.000/1.6929	1.515/.0596	17.00/.669	F810	8331A
		39.954/1.5730	43.019/1.6937				IH
MAINS		<i>Set is half groove.</i>					
5M8353A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A
		49.956/1.9668	54.018/2.1267				U
	1,2,3,4,5.	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8353A
		49.956/1.9668	54.018/2.1267				L
RACE SERIES		MAINS					
5M8353H STD, .025, .25, .50	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H
		49.956/1.9668	54.018/2.1267				U
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H
		49.956/1.9668	54.018/2.1267				L

9 Continued ...							9
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
5M8353HX STD	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8353HX L
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8354HX U
		49.956/1.9668	54.018/2.1267				
1T8353 STD	THRUST	57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T IH
		57.350/2.2579	68.830/2.7098				

10 Engine				Year	Cyl	Bore x Stroke	10
L3-VDT MZR 2260cc Inline4 DOHC 4v DISI Turbo				07/2006 - On	L4	87.5mm x 94.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
4B8172H STD, .025, .25		51.980/2.0465	55.021/2.1662	1.500/.0591	17.00/.669	F781	8172H IH
		52.000/2.0472	55.034/2.1667				
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
4B8172HX STD		51.980/2.0465	55.021/2.1662	1.487/.0585	17.00/.669	F781	8172HX IH
		52.000/2.0472	55.034/2.1667				
5M8174A STD, .25, .50, .75	MAINS	<i>Set is half groove.</i>					
	1,2,3,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A L
		52.000/2.0472	57.037/2.2455				
	1,2,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A U
		52.000/2.0472	57.037/2.2455				
	3	51.980/2.0465	57.019/2.2448	2.504/.0986	25.75/1.014	F810	8174A(F) U
		52.000/2.0472	57.037/2.2455				

11 Engine				Year	Cyl	Bore x Stroke	11
B6T 1597cc Inline4 DOHC 4v Turbo				01/1988 - 11/1994	L4	78.0mm x 83.6mm	
BJ 1290cc Inline4 DOHC 4v				10/1986 - On	L4	78.0mm x 67.5mm	
BP-4W 1840cc Inline4 DOHC 4v				03/1998 - 10/2000	L4	83.0mm x 85.0mm	
BPD 1840cc Inline4 DOHC 4v				10/1989 - 12/1999	L4	83.0mm x 85.0mm	
BP-T 1840cc Inline4 DOHC 4v Turbo				04/1987 - 12/1993	L4	83.0mm x 85.0mm	
BP-ZE 1840cc Inline4 DOHC 4v				11/1993 - 12/1997	L4	83.0mm x 85.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8351A STD, .25, .50, .75, 1.00	CONROD	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F810	8351A IH
		44.956/1.7699	48.016/1.8904				
RACE SERIES 4B8351H STD, .025, .25, .50	CONROD	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F781	8351H IH
		44.956/1.7699	48.016/1.8904				
RACE SERIES 4B8351HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		44.940/1.7693	48.000/1.8898	1.502/.0591	17.00/.669	F781	8351HX IH
		44.956/1.7699	48.016/1.8904				
5M8353A STD, .25, .50, .75, 1.00	MAINS	<i>Set is half groove.</i>					
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A U
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8353A L
		49.956/1.9668	54.018/2.1267				
RACE SERIES 5M8353H STD, .025, .25, .50	MAINS	<i>Set is half groove.</i>					
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H U
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H L
		49.956/1.9668	54.018/2.1267				
RACE SERIES 5M8353HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8354HX U
		49.956/1.9668	54.018/2.1267				



11 Continued ...							11
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M8353HX STD	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8353HX L
		49.956/1.9668	54.018/2.1267				
THRUST							
1T8353 STD		57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T IH
		57.350/2.2579	68.830/2.7098				
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4108 UNB		19.993/.7871		1.720/.0677	21.80/.858	F100	4RB4108
PISTON PIN BUSH							
RB4108 UNB		19.993/.7871		1.720/.0677	21.80/.858	F100	RB4108

12 Engine				Year	Cyl	Bore x Stroke	12
BP-Z3 1840cc Inline4 DOHC VVT 4v				10/2000 - 12/2005	L4	83.0mm x 85.0mm	
BP-Z3 1840cc Inline4 DOHC VVT 4v Turbo				01/2002 - 12/2005	L4	83.0mm x 85.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8351A STD, .25, .50, .75, 1.00		44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F810	8351A IH
		44.956/1.7699	48.016/1.8904				
RACE SERIES							
4B8351H STD, .025, .25, .50		44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F781	8351H IH
		44.956/1.7699	48.016/1.8904				
RACE SERIES							
4B8351HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.502/.0591	17.00/.669	F781	8351HX IH
		44.940/1.7693	48.000/1.8898				
		44.956/1.7699	48.016/1.8904				
MAINS		<i>Set is half groove.</i>					
5M8353A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A U
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5.	49.938/1.9661	53.998/2.1259				
		49.956/1.9668	54.018/2.1267				8353A L
RACE SERIES							
5M8353H STD, .025, .25, .50	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H L
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259				
		49.956/1.9668	54.018/2.1267				8354H U
RACE SERIES							
5M8353HX STD	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8353HX L
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259				
		49.956/1.9668	54.018/2.1267				8354HX U
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4108 UNB		19.993/.7871		1.720/.0677	21.80/.858	F100	4RB4108
PISTON PIN BUSH							
RB4108 UNB		19.993/.7871		1.720/.0677	21.80/.858	F100	RB4108

13 Engine				Year	Cyl	Bore x Stroke	13
F8 1789cc Inline4 DOHC 4v				01/1988 - 12/1996	L4	86.0mm x 77.0mm	
FE-E 1998cc Inline4 DOHC 4v				04/1987 - 01/1993	L4	86.0mm x 86.0mm	
FE-T 1998cc Inline4 SOHC 2v Turbo				09/1985 - 12/1987	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8140A STD, .25, .50, .75, 1.00		50.940/2.0055	54.002/2.1261	1.510/.0594	21.13/.832	F810	8140A IH
		50.955/2.0061	54.027/2.1270				
<i>Is plain bearing, no oil holes.</i>							

13 Continued ... 13

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Half groove set. Overwidth flange for undersizes: Std = Std, 0.25 = Std+0.10mm, 0.50 = Std+0.18mm, 0.75/1.00 = Std+0.26mm.</i>							
5M8133A STD, .25, .50, .75, 1.00	1,2,3,4,5	59.940/2.3598 59.955/2.3604	64.000/2.5197 64.019/2.5204	2.014/.0793	19.13/.753	F810	8133A L
	1,2,4,5	59.940/2.3598 59.955/2.3604	64.000/2.5197 64.019/2.5204	2.014/.0793	19.13/.753	F810	8134A U
	3	59.937/2.3597 59.955/2.3604	64.000/2.5197 64.019/2.5204	2.014/.0793	27.99/1.102	F810	8135A(F) U

14 Engine Year Cyl Bore x Stroke 14

PB 987cc Inline4 OHV 2v	01/1966 - 12/1978	L4	68.0mm x 68.0mm
TA 1169cc Inline4 OHV 2v	01/1969 - 12/1973	L4	70.0mm x 76.0mm
TB 1169cc Inline4 OHV 2v	01/1968 - 12/1974	L4	70.0mm x 76.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B1156A STD, .25, .50, .75, 1.00, 1.50	CONROD	44.940/1.7693 44.955/1.7699	48.002/1.8898 48.017/1.8904	1.510/.0594	19.55/.770	F810	1156A IH
	MAINS						
5M1157A STD, .25, .50, .75, 1.00	1,2,4	55.940/2.2024 55.955/2.2029	60.000/2.3622 60.020/2.3630	2.009/.0791	20.06/.790	F810	1157A IH
	3,5	55.940/2.2024 55.955/2.2029	60.000/2.3622 60.020/2.3630	2.009/.0791	23.11/.910	F810	1158A IH
	THRUST						
2T1157 STD		61.980/2.4402 62.230/2.4500	77.600/3.0551 77.850/3.0650		2.03/.080	F1	1157T UL
	PISTON PIN BUSH	<i>Set of 4.</i>					
4RB4024 UNB				1.660/.0654	24.25/.955	F100	4RB4024
RB4024 UNB	PISTON PIN BUSH			1.660/.0654	24.25/.955	F100	RB4024

15 Engine Year Cyl Bore x Stroke 15

JF 1977cc V6 SOHC 2v	01/1986 - 12/1989	V6	
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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6B8146A STD, .25, .50, .75	CONROD	47.935/1.8872 47.955/1.8880	51.000/2.0079 51.016/2.0085	1.512/.0595	17.00/.669	F810	8146A IH
	MAINS						
4M8352A STD, .25, .50	1,2,3,4	61.935/2.4384 61.955/2.4392	66.000/2.5984 66.020/2.5992	2.012/.0792	18.13/.714	F810	8352A UL
	THRUST						
2T8352 STD		68.250/2.6870 68.500/2.6968	79.750/3.1398 80.000/3.1496		2.05/.081	F817	8352T UL

16 Engine Year Cyl Bore x Stroke 16

ZY-VE 1498cc Inline4 DOHC 4v	08/2002 - On	L4	78.0mm x 78.4mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B8550A STD, .25, .50	CONROD	<i>Bearings have no notch.</i>		1.510/.0594	16.70/.658	F810	8550A IH
5M8551A STD, .25, .50	MAINS	1,2,3,4,5				F810	8551A UL



16 Continued ...							16
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
THRUST							
1T8551 STD						F817	8551T IH

17 Engine				Year	Cyl	Bore x Stroke	17
JE 2954cc V6 SOHC 3v				01/1987 - 12/1999	V6	90.0mm x 77.4mm	
JE-ZE 2954cc V6 DOHC 4v				01/1988 - 08/1998	V6	90.0mm x 77.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8149A STD, .25, .50, .75, 1.00		52.940/2.0842	56.000/2.2047	1.511/.0595	17.03/.671	F810	8149A IH
		52.955/2.0848	56.020/2.2055				
CONROD <i>To be superseded by 6B8149A.</i>							
6B8350A STD, .25, .50, .75, 1.00		52.935/2.0841	56.000/2.2047	1.511/.0595	17.00/.669	F810	8350A IH
		52.955/2.0848	56.020/2.2055				
MAINS							
4M8352A STD, .25, .50	1,2,3,4	61.935/2.4384	66.000/2.5984	2.012/.0792	18.13/.714	F810	8352A UL
		61.955/2.4392	66.020/2.5992				
THRUST							
2T8352 STD		68.250/2.6870	79.750/3.1398		2.05/.081	F817	8352T UL
		68.500/2.6968	80.000/3.1496				

18 Engine				Year	Cyl	Bore x Stroke	18
F2 2184cc Inline4 SOHC 2v				01/1987 - 03/1996	L4	86.0mm x mm	
F2 2184cc Inline4 SOHC 3v				04/1987 - 04/1996	L4	86.0mm x mm	
F2-T 2184cc Inline4 SOHC 3v Turbo				10/1987 - 01/1998	L4	86.0mm x 94.0mm	
F8 1789cc Inline4 SOHC 3v				03/1987 - 12/2005	L4	86.0mm x 77.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has small oil hole.</i>							
4B2130A STD, .25, .50, .75, 1.00, 1.50		50.940/2.0055	54.002/2.1261	1.510/.0594	21.13/.832	F810	2130A IH
		50.955/2.0061	54.017/2.1266				
MAINS <i>Half groove set. Overwidth flange for undersizes: Std = Std, 0.25 = Std+0.10mm, 0.50 = Std+0.18mm, 0.75/1.00 = Std+0.26mm.</i>							
5M8133A STD, .25, .50, .75, 1.00	1,2,3,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8133A L
		59.955/2.3604	64.019/2.5204				
	1,2,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8134A U
		59.955/2.3604	64.019/2.5204				
3	59.937/2.3597	64.000/2.5197	2.014/.0793	27.99/1.102	F810	8135A(F) U	
	59.955/2.3604	64.019/2.5204					

19 Engine				Year	Cyl	Bore x Stroke	19
D5 1490cc Inline4 SOHC 2v				10/1981 - 12/1986	L4	77.0mm x 80.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8331A STD, .25, .50, .75, 1.00, 1.25		39.939/1.5724	43.000/1.6929	1.515/.0596	17.00/.669	F810	8331A IH
		39.954/1.5730	43.019/1.6937				
MAINS <i>Set is full groove.</i>							
5M8354A STD, .25, .50, .75, 1.00	1,2,3,4,5.	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A IH
		49.956/1.9668	54.018/2.1267				
THRUST							
2T8334 STD		57.100/2.2480	68.580/2.7000		2.00/.079	F250	8334T UL
		57.350/2.2579	68.830/2.7098				

20	Engine	Year	Cyl	Bore x Stroke	20
	F6 1587cc Inline4 SOHC	09/1982 - 09/1987	L4	81.0mm x 77.0mm	
	F8 1789cc Inline4 SOHC 2v	01/1983 - 12/2006	L4	86.0mm x 77.0mm	
	FE 1998cc Inline4 SOHC 2v	01/1982 - 12/2006	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has small oil hole.</i>							
4B2130A STD, .25, .50, .75, 1.00, 1.50		50.940/2.0055	54.002/2.1261	1.510/.0594	21.13/.832	F810	2130A IH
		50.955/2.0061	54.017/2.1266				
MAINS <i>Half groove set. Overwidth flange for undersizes: Std = Std, 0.25 = Std+0.10mm, 0.50 = Std+0.18mm, 0.75/1.00 = Std+0.26mm.</i>							
5M8133A STD, .25, .50, .75, 1.00	1,2,3,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8133A L
		59.955/2.3604	64.019/2.5204				
	1,2,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8134A U
		59.955/2.3604	64.019/2.5204				
	3	59.937/2.3597	64.000/2.5197	2.014/.0793	27.99/1.102	F810	8135A(F) U
		59.955/2.3604	64.019/2.5204				
MAINS <i>Full groove set. Overwidth flange for undersizes: Std = Std, 0.25 = Std+0.10mm, 0.50 = Std+0.18mm, 0.75/1.00 = Std+0.26mm.</i>							
5M8134A STD, .25, .50, .75, 1.00	1,2,3,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8134A L
		59.955/2.3604	64.019/2.5204				
	1,2,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8134A U
		59.955/2.3604	64.019/2.5204				
	3	59.937/2.3597	64.000/2.5197	2.014/.0793	27.99/1.102	F810	8135A(F) U
		59.955/2.3604	64.019/2.5204				
MAINS <i>Full groove set. Std width flange on all undersizes.</i>							
5M8137A .25, .50, .75	1,2,3,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8134A L
		59.955/2.3604	64.019/2.5204				
	1,2,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8134A U
		59.955/2.3604	64.019/2.5204				
	3	59.937/2.3597	64.000/2.5197	2.014/.0793	27.99/1.102	F810	8137A(F) U
		59.955/2.3604	64.019/2.5204				

21	Engine	Year	Cyl	Bore x Stroke	21
	FP-D 1840cc Inline4 DOHC 4v	01/1998 - 12/2003	L4	83.0mm x 85.0mm	
	FS 1991cc Inline4 DOHC 4v	12/1991 - 12/2003	L4	83.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8300A STD, .25, .50, .75, 1.00		47.940/1.8874	51.000/2.0079	1.510/.0594	17.00/.669	F810	8300A IH
		47.955/1.8880	51.015/2.0085				
MAINS							
5M8302A STD, .25, .50, .75, 1.00	1,2,3,4,5	55.937/2.2022	60.000/2.3622	2.010/.0791	17.50/.689	F810	8302A UL
		55.955/2.2029	60.015/2.3628				
THRUST							
1T8302 STD		62.000/2.4409	81.350/3.2027		2.55/.100	F817	8302T IH
		62.250/2.4508	81.600/3.2126				

22	Engine	Year	Cyl	Bore x Stroke	22
	G6 2606cc Inline4 SOHC 3v	01/1989 - 12/1994	L4	92.0mm x 98.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Is plain bearing, no oil holes.</i>							
4B8140A STD, .25, .50, .75, 1.00		50.940/2.0055	54.002/2.1261	1.510/.0594	21.13/.832	F810	8140A IH
		50.955/2.0061	54.027/2.1270				
MAINS <i>Half groove set. Std width flange on all undersizes.</i>							
5M8138A STD, .25, .50, .75	1,2,3,4,5	59.939/2.3598	63.998/2.5196	2.010/.0791	20.13/.793	F810	8138A L
		59.949/2.3602	64.018/2.5204				
	1,2,3,5	59.939/2.3598	63.998/2.5196	2.010/.0791	20.13/.793	F810	8138A U
		59.949/2.3602	64.018/2.5204				
	4	59.939/2.3598	63.998/2.5196	2.010/.0791	26.00/1.024	F810	8139A(F) U
		59.949/2.3602	64.018/2.5204				



22 Continued ...							22
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5C6006A STD	CAMS						
	1,2,3,4,5			1.072/.0422	17.78/.700	F820	6006A
6BS8033 STD	BALANCE						
	Centre		44.000/1.7323 44.021/1.7331	1.984/.0781	26.16/1.030	F820	8034
	Front		45.999/1.8110 46.020/1.8118	1.984/.0781	23.11/.910	F820	8033
	Rear		23.997/.9448 24.023/.9458	1.486/.0585	16.13/.635	F820	8035

23 Engine				Year	Cyl	Bore x Stroke	23
HA 2977cc Inline4 OHV 2v Diesel				01/1977 - 03/1989	L4	95.0mm x 105.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1776A STD, .25, .50, .75, 1.00	CONROD		<i>To be superseded by 4B8144A.</i>				
			61.112/2.4060 61.125/2.4065	64.826/2.5522 64.846/2.5530	1.836/.0723	28.65/1.128	F810
4B8144A STD, .010, .020, .030, .040	CONROD						
			61.110/2.4059 61.125/2.4065	64.833/2.5525 64.850/2.5531	1.835/.0722	28.05/1.104	F810
5M1777A STD, .25, .50, .75, 1.00	MAINS						
	1,2,3,4,5		75.812/2.9847 75.825/2.9852	80.066/3.1522 80.092/3.1532	2.103/.0828	28.60/1.126	F810
2T1777 STD	THRUST						
			84.700/3.3346 84.950/3.3445	101.150/3.9823 101.400/3.9921		2.33/.092	F817
4RB4059 UNB	PISTON PIN BUSH		<i>Set of 4.</i>				
			31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762		26.80/1.055	F100
4RB4088 UNB, STD	PISTON PIN BUSH						
				33.000/1.2992 33.020/1.3000	1.700/.0669	34.30/1.350	F100
RB4059 UNB	PISTON PIN BUSH						
			31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762		26.80/1.055	F100
RB4088 UNB	PISTON PIN BUSH						
				33.000/1.2992 33.020/1.3000	1.700/.0669	34.30/1.350	F100

24 Engine				Year	Cyl	Bore x Stroke	24	
B6 1597cc Inline4 SOHC 2v				10/1985 - 12/1994	L4	78.0mm x 83.6mm		
B6F 1597cc Inline4 SOHC 2v				01/1985 - 08/1998	L4	78.0mm x 84.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B8351A STD, .25, .50, .75, 1.00	CONROD							
			44.940/1.7693 44.956/1.7699	48.000/1.8898 48.016/1.8904	1.515/.0596	17.00/.669	F810	8351A IH
RACE SERIES 4B8351H STD, .025, .25, .50	CONROD							
			44.940/1.7693 44.956/1.7699	48.000/1.8898 48.016/1.8904	1.515/.0596	17.00/.669	F781	8351H IH
RACE SERIES 4B8351HX STD	CONROD		<i>0.001" extra oil clearance on STD journal.</i>					
			44.940/1.7693 44.956/1.7699	48.000/1.8898 48.016/1.8904	1.502/.0591	17.00/.669	F781	8351HX IH
5M8353A STD, .25, .50, .75, 1.00	MAINS		<i>Set is half groove.</i>					
	1,2,3,4,5		49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F810	8354A U
	1,2,3,4,5.		49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F810	8353A L



24 Continued ...							24
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 5M8353H STD, .025, .25, .50	MAINS 1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8354H U
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8353H L
RACE SERIES 5M8353HX STD	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		2.000/.0787	17.63/.694	F780	8354HX U
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.000/.0787	17.63/.694	F780	8353HX L
5M8354A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Set is full groove.</i>		2.013/.0793	17.63/.694	F810	8354A IH
1T8353 STD	THRUST	57.100/2.2480 57.350/2.2579	68.580/2.7000 68.830/2.7098		2.55/.100	F250	8353T IH

25 Engine				Year	Cyl	Bore x Stroke	25
B5-MI 1498cc Inline4 SOHC 4v				01/1990 - 12/2002	L4	78.0mm x 78.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8331A STD, .25, .50, .75, 1.00, 1.25	CONROD	39.939/1.5724 39.954/1.5730	43.000/1.6929 43.019/1.6937	1.515/.0596	17.00/.669	F810	8331A IH
5M8353A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Set is half groove.</i>		2.013/.0793	17.63/.694	F810	8354A U
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F810	8353A L
RACE SERIES 5M8353H STD, .025, .25, .50	MAINS 1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8354H U
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8353H L
RACE SERIES 5M8353HX STD	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		2.000/.0787	17.63/.694	F780	8353HX L
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.000/.0787	17.63/.694	F780	8354HX U

26 Engine				Year	Cyl	Bore x Stroke	26
B6D 1597cc Inline4 DOHC 4v				01/1985 - 02/1999	L4	78.0mm x 83.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8351A STD, .25, .50, .75, 1.00	CONROD	44.940/1.7693 44.956/1.7699	48.000/1.8898 48.016/1.8904	1.515/.0596	17.00/.669	F810	8351A IH
RACE SERIES 4B8351H STD, .025, .25, .50	CONROD	44.940/1.7693 44.956/1.7699	48.000/1.8898 48.016/1.8904	1.515/.0596	17.00/.669	F781	8351H IH
RACE SERIES 4B8351HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.502/.0591	17.00/.669	F781	8351HX IH
5M8353A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Set is half groove.</i>		2.013/.0793	17.63/.694	F810	8354A U
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F810	8353A L



26 Continued ...							26
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 5M8353H STD, .025, .25, .50	MAINS 1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8353H L
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8354H U
RACE SERIES 5M8353HX STD	MAINS 1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.000/.0787	17.63/.694	F780	8354HX U
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.000/.0787	17.63/.694	F780	8353HX L
5M8354A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5.	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F810	8354A IH
1T8353 STD	THRUST	57.100/2.2480 57.350/2.2579	68.580/2.7000 68.830/2.7098		2.55/.100	F250	8353T IH
4RB4108 UNB	PISTON PIN BUSH	19.993/.7871		1.720/.0677	21.80/.858	F100	4RB4108
RB4108 UNB	PISTON PIN BUSH	19.993/.7871		1.720/.0677	21.80/.858	F100	RB4108

27 Engine				Year	Cyl	Bore x Stroke	27
RF-T 1998cc Inline4 SOHC 2v Turbo Diesel				01/1988 - On	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8143A STD, .25, .50, .75, 1.00	CONROD	50.940/2.0055 50.955/2.0061	54.002/2.1261 54.020/2.1268	1.510/.0594	21.13/.832	F810	8143A IH
5M2134A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5.	59.940/2.3598 59.955/2.3604	63.999/2.5196 64.019/2.5204	2.007/.0790	19.13/.753	F810	2134A IH
	3	59.940/2.3598 59.955/2.3604	63.999/2.5196 64.019/2.5204	2.007/.0790	21.13/.832	F810	2135A IH
2T2134 STD	THRUST	68.800/2.7087 69.050/2.7185	84.000/3.3071 84.250/3.3169		2.05/.081	F250	2134T UL
4RB4262 UNB	PISTON PIN BUSH			1.530/.0602	26.80/1.055	F100	4RB4262
RB4262 UNB	PISTON PIN BUSH			1.535/.0604	26.80/1.055	F100	RB4262

28 Engine				Year	Cyl	Bore x Stroke	28
YA 3783cc Inline6 SOHC 2v Diesel				12/1969 - 12/1974	L6	88.9mm x 101.6mm	
ZB 4052cc Inline6 OHV 2v Diesel				02/1972 - 05/1987	L6	92.0mm x 101.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1760P STD, .25, .50, .75, 1.00	CONROD	57.112/2.2485 57.125/2.2490	60.833/2.3950 60.846/2.3955	1.840/.0724	28.55/1.124	F780	1760 IH
7M1747P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6,7	69.812/2.7485 69.825/2.7490	74.066/2.9160 74.092/2.9170	2.100/.0827	28.60/1.126	F780	1747 IH
2T1747 STD	THRUST	78.500/3.0905 78.500/3.0905	95.000/3.7402 95.000/3.7402		2.31/.091	F100	1747T UL

28 Continued ... 28

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4059 UNB		31.744/1.2498	34.919/1.3748		26.80/1.055	F100	6RB4059
		31.749/1.2500	34.955/1.3762				
PISTON PIN BUSH							
RB4059 UNB		31.744/1.2498	34.919/1.3748		26.80/1.055	F100	RB4059
		31.749/1.2500	34.955/1.3762				

29 Engine Year Cyl Bore x Stroke 29
WL 2500cc Inline4 SOHC 3v Diesel 01/1996 - On L4 93.0mm x 92.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8240A STD, .25, .50, .75, 1.00		54.940/2.1630	58.020/2.2842	1.505/.0593	23.60/.929	F810	8240A IH
		54.955/2.1636	58.000/2.2835				
CONROD							
4B8240P STD, .25, .50, .75, 1.00		54.940/2.1630	58.020/2.2842	1.505/.0593	23.60/.929	F780	8240 IH
		54.955/2.1636	58.020/2.2842				
MAINS							
5M8242A STD, .25, .50, .75, 1.00	1,2,4,5	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A UL
		66.955/2.6360	71.020/2.7961				
	3	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A UL
		66.955/2.6360	71.020/2.7961				
THRUST							
2T8242 STD		74.900/2.9488	91.350/3.5964		2.49/.098	F817	8242T UL
		75.150/2.9587	91.600/3.6063				
PISTON PIN BUSH <i>Set of 4. Tapered Bush.</i>							
4RB4111 UNB			35.000/1.3780	1.630/.0642	30.80/1.213	F100	4RB4111
			35.030/1.3791				
PISTON PIN BUSH <i>Tapered bush.</i>							
RB4111 UNB			35.000/1.3780	1.630/.0642	30.80/1.213	F100	RB4111
			35.030/1.3791				

30 Engine Year Cyl Bore x Stroke 30
RF 1998cc Inline4 SOHC 2v Diesel 05/1983 - 12/1992 L4 86.0mm x 86.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has small oil hole.</i>							
4B2130A STD, .25, .50, .75, 1.00, 1.50		50.940/2.0055	54.002/2.1261	1.510/.0594	21.13/.832	F810	2130A IH
		50.955/2.0061	54.017/2.1266				
CONROD <i>No oil hole.</i>							
4B8143A STD, .25, .50, .75, 1.00		50.940/2.0055	54.002/2.1261	1.510/.0594	21.13/.832	F810	8143A IH
		50.955/2.0061	54.020/2.1268				
MAINS							
5M2134A STD, .25, .50, .75, 1.00	1,2,4,5.	59.940/2.3598	63.999/2.5196	2.007/.0790	19.13/.753	F810	2134A IH
		59.955/2.3604	64.019/2.5204				
	3	59.940/2.3598	63.999/2.5196	2.007/.0790	21.13/.832	F810	2135A IH
		59.955/2.3604	64.019/2.5204				
THRUST							
2T2134 STD		68.800/2.7087	84.000/3.3071		2.05/.081	F250	2134T UL
		69.050/2.7185	84.250/3.3169				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4077 UNB		24.987/.9837	28.013/1.1029	1.740/.0685	26.75/1.053	F100	4RB4077
		25.000/.9843	28.033/1.1037				
PISTON PIN BUSH <i>Set of 4. Suits 30mm pin.</i>							
4RB4262 UNB				1.530/.0602	26.80/1.055	F100	4RB4262



30 Continued ...							30
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4077 UNB		24.987/.9837 25.000/.9843	28.013/1.1029 28.033/1.1037	1.740/.0685	26.75/1.053	F100	RB4077
PISTON PIN BUSH <i>Suits 30mm shaft.</i>							
RB4262 UNB				1.535/.0604	26.80/1.055	F100	RB4262

31 Engine				Year	Cyl	Bore x Stroke	31
K8 1844cc V6 DOHC 4v				01/1992 - 12/1997	V6	75.0mm x 69.6mm	
KF 1995cc V6 DOHC 4v				07/1994 - 05/1998	V6	78.0mm x 69.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8146A STD, .25, .50, .75		47.935/1.8872 47.955/1.8880	51.000/2.0079 51.016/2.0085	1.512/.0595	17.00/.669	F810	8146A IH
MAINS							
4M8147A STD, .25, .50, .75	1,2,3	61.930/2.4382 61.956/2.4392	67.000/2.6378 67.016/2.6384	2.505/.0986	18.12/.713	F810	8147A UL
	4	61.930/2.4382 61.956/2.4392	67.000/2.6378 67.016/2.6384	2.505/.0986	22.12/.871	F810	8148A UL
THRUST							
2T8352 STD		68.250/2.6870 68.500/2.6968	79.750/3.1398 80.000/3.1496		2.05/.081	F817	8352T UL

32 Engine				Year	Cyl	Bore x Stroke	32
KJ Miller 2254cc V6 DOHC 4v				09/1993 - 08/2002	V6	80.3mm x 74.2mm	
KL 2496cc V6 DOHC 4v				01/1992 - 04/2001	V6	84.5mm x 74.2mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8149A STD, .25, .50, .75, 1.00		52.940/2.0842 52.955/2.0848	56.000/2.2047 56.020/2.2055	1.511/.0595	17.03/.671	F810	8149A IH
CONROD <i>To be superseded by 6B8149A.</i>							
6B8350A STD, .25, .50, .75, 1.00		52.935/2.0841 52.955/2.0848	56.000/2.2047 56.020/2.2055	1.511/.0595	17.00/.669	F810	8350A IH
MAINS							
4M8147A STD, .25, .50, .75	1,2,3	61.930/2.4382 61.956/2.4392	67.000/2.6378 67.016/2.6384	2.505/.0986	18.12/.713	F810	8147A UL
	4	61.930/2.4382 61.956/2.4392	67.000/2.6378 67.016/2.6384	2.505/.0986	22.12/.871	F810	8148A UL
THRUST							
2T8352 STD		68.250/2.6870 68.500/2.6968	79.750/3.1398 80.000/3.1496		2.05/.081	F817	8352T UL

33 Engine				Year	Cyl	Bore x Stroke	33
MA 1970cc Inline4 SOHC 2v				01/1974 - 12/1987	L4	80.0mm x 98.0mm	
VB 1796cc Inline4 SOHC 2v				12/1969 - 12/1980	L4	78.0mm x 94.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1626A STD, .25, .50, .75, 1.00		52.941/2.0843 52.954/2.0848	56.002/2.2048 56.017/2.2054	1.510/.0594	21.97/.865	F810	1626A IH
MAINS							
5M1627A STD, .25, .50, .75, 1.00, 1.25	1,2,4	62.939/2.4779 62.954/2.4785	67.010/2.6382 67.018/2.6385	2.007/.0790	18.00/.709	F810	1627A IH
	3,5	62.939/2.4779 62.954/2.4785	67.010/2.6382 67.018/2.6385	2.007/.0790	24.00/.945	F810	1628A UL

33 Continued ... 33

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T4162 STD	THRUST	69.850/2.7500 70.100/2.7598	85.471/3.3650 85.725/3.3750		2.03/.080	F1	4162T UL
3C8276 STD, .25	CAMS						
	1	44.945/1.7695 44.961/1.7701	49.009/1.9295 49.032/1.9304	2.014/.0793	24.00/.945	F23	8276 IH
	2,3	44.945/1.7695 44.961/1.7701	49.009/1.9295 49.032/1.9304	2.014/.0793	18.00/.709	F23	8277 UL
4RB4017 UNB	PISTON PIN BUSH	<i>Set of 4.</i> 22.000/.8661 22.000/.8661	25.000/.9843 25.000/.9843	1.660/.0654	28.07/1.105	F100	4RB4017
RB4017 UNB	PISTON PIN BUSH			1.660/.0654	28.07/1.105	F100	RB4017

34 Engine Year Cyl Bore x Stroke 34

NA 1586cc Inline4 SOHC 2v 10/1970 - 12/1983 L4 78.0mm x 83.0mm
 VC 1769cc Inline4 SOHC 2v 12/1973 - 12/1986 L4 80.0mm x 88.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1151A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>22mm wide.</i>					
		52.941/2.0843 52.954/2.0848	56.002/2.2048 56.017/2.2054	1.510/.0594	21.97/.865	F810	1151A IH
4B1756A STD, .25, .50, .75, 1.00	CONROD	<i>21mm wide.</i>					
		52.940/2.0842 52.955/2.0848	56.005/2.2049 56.020/2.2055	1.510/.0594	20.80/.819	F810	1756A IH
5M1627A STD, .25, .50, .75, 1.00, 1.25	MAINS						
	1,2,4	62.939/2.4779 62.954/2.4785	67.010/2.6382 67.018/2.6385	2.007/.0790	18.00/.709	F810	1627A IH
	3,5	62.939/2.4779 62.954/2.4785	67.010/2.6382 67.018/2.6385	2.007/.0790	24.00/.945	F810	1628A UL
2T4162 STD	THRUST	69.850/2.7500 70.100/2.7598	85.471/3.3650 85.725/3.3750		2.03/.080	F1	4162T UL
3C8276 STD, .25	CAMS						
	1	44.945/1.7695 44.961/1.7701	49.009/1.9295 49.032/1.9304	2.014/.0793	24.00/.945	F23	8276 IH
	2,3	44.945/1.7695 44.961/1.7701	49.009/1.9295 49.032/1.9304	2.014/.0793	18.00/.709	F23	8277 UL
4RB4017 UNB	PISTON PIN BUSH	<i>Set of 4.</i> 22.000/.8661 22.000/.8661	25.000/.9843 25.000/.9843	1.660/.0654	28.07/1.105	F100	4RB4017
RB4017 UNB	PISTON PIN BUSH			1.660/.0654	28.07/1.105	F100	RB4017

35 Engine Year Cyl Bore x Stroke 35

PC 985cc Inline4 SOHC 01/1970 - 12/1978 L4 70.0mm x 64.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1156A STD, .25, .50, .75, 1.00, 1.50	CONROD	44.940/1.7693 44.955/1.7699	48.002/1.8898 48.017/1.8904	1.510/.0594	19.55/.770	F810	1156A IH
5M1167A STD, .25, .50, .75, 1.00, 1.50	MAINS						
	1,2,4	62.940/2.4779 62.955/2.4785	67.000/2.6378 67.019/2.6385	2.010/.0791	20.06/.790	F810	1167A IH
	3,5	62.940/2.4779 62.955/2.4785	67.000/2.6378 67.019/2.6385	2.010/.0791	23.11/.910	F810	1168A IH



35 Continued ...								35
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
2T1167 STD	THRUST	69.980/2.7551	79.760/3.1402		2.00/.079	F250	1167T	
		70.230/2.7650	80.010/3.1500				UL	
4RB4024 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		1.660/.0654	24.25/.955	F100	4RB4024	
RB4024 UNB	PISTON PIN BUSH			1.660/.0654	24.25/.955	F100	RB4024	
36 Engine				Year	Cyl	Bore x Stroke		36
PN 1720cc Inline4 SOHC Diesel				06/1985 - 02/1996	L4	78.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B8330A STD, .25, .50, .75, 1.00	CONROD	48.942/1.9268	52.000/2.0472	1.511/.0595	18.13/.714	F810	8330A	
		48.955/1.9274	52.013/2.0478				IH	
5M8335A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	55.935/2.2022	60.000/2.3622	2.010/.0791	17.63/.694	F810	8335A	
		55.955/2.2029	60.013/2.3627				UL	
1T8335 STD	THRUST	62.250/2.4508	78.750/3.1004		2.55/.100	F817	8335T	
		62.500/2.4606	79.000/3.1102				IH	
4RB4261 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		1.535/.0604	22.80/.898	F100	4RB4261	
		24.990/.9839	28.000/1.1024	28.020/1.1031				
RB4261 UNB	PISTON PIN BUSH	24.990/.9839	28.000/1.1024	1.535/.0604	22.80/.898	F100	RB4261	
		25.000/.9843	28.020/1.1031					
37 Engine				Year	Cyl	Bore x Stroke		37
R2 2184cc Inline4 SOHC 2v Diesel				01/1980 - 02/2000	L4	86.0mm x 94.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B2130A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has small oil hole.</i>		1.510/.0594	21.13/.832	F810	2130A	
		50.940/2.0055	54.002/2.1261	54.017/2.1266			IH	
5M2134A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	59.940/2.3598	63.999/2.5196	2.007/.0790	19.13/.753	F810	2134A	
		59.955/2.3604	64.019/2.5204				IH	
	3	59.940/2.3598	63.999/2.5196	2.007/.0790	21.13/.832	F810	2135A	
		59.955/2.3604	64.019/2.5204				IH	
2T2134 STD	THRUST	68.800/2.7087	84.000/3.3071		2.05/.081	F250	2134T	
		69.050/2.7185	84.250/3.3169				UL	
4RB4077 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		1.740/.0685	26.75/1.053	F100	4RB4077	
		24.987/.9837	28.013/1.1029	28.033/1.1037				
RB4077 UNB	PISTON PIN BUSH	24.987/.9837	28.013/1.1029	1.740/.0685	26.75/1.053	F100	RB4077	
		25.000/.9843	28.033/1.1037					
38 Engine				Year	Cyl	Bore x Stroke		38
XB 2701cc Inline4 OHV 2v Diesel				04/1972 - 02/1977	L4	92.0mm x 101.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1760P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		1.840/.0724	28.55/1.124	F780	1760	
		57.112/2.2485	60.833/2.3950	60.846/2.3955			IH	

Mazda



38 Continued ... 38

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1747P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	69.812/2.7485 69.825/2.7490	74.066/2.9160 74.092/2.9170	2.100/.0827	28.60/1.126	F780	1747 IH
	THRUST	78.500/3.0905 78.500/3.0905	95.000/3.7402 95.000/3.7402				
2T1747 STD					2.31/.091	F100	1747T UL
4RB4059 UNB	PISTON PIN BUSH <i>Set of 4.</i>	31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762		26.80/1.055	F100	4RB4059
	PISTON PIN BUSH	31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762				
RB4059 UNB					26.80/1.055	F100	RB4059

39 Engine Year Cyl Bore x Stroke 39

XA 2522cc Inline4 OHV 2v Diesel 06/1967 - 06/1989 L4 88.9mm x 101.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1760P STD, .25, .50, .75, 1.00	CONROD <i>Has one oil hole.</i>	57.112/2.2485 57.125/2.2490	60.833/2.3950 60.846/2.3955	1.840/.0724	28.55/1.124	F780	1760 IH
	MAINS 1,2,3,4,5	69.812/2.7485 69.825/2.7490	74.066/2.9160 74.092/2.9170				
5M1747P STD, .25, .50, .75, 1.00				2.100/.0827	28.60/1.126	F780	1747 IH
2T1747 STD	THRUST	78.500/3.0905 78.500/3.0905	95.000/3.7402 95.000/3.7402		2.31/.091	F100	1747T UL
4RB4059 UNB	PISTON PIN BUSH <i>Set of 4.</i>	31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762		26.80/1.055	F100	4RB4059
	PISTON PIN BUSH	31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762				
4RB4264			31.000/1.2205	1.530/.0602	30.70/1.209	F100	4RB4264
RB4059 UNB	PISTON PIN BUSH	31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762		26.80/1.055	F100	RB4059
	PISTON PIN BUSH	31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762				
RB4264			31.000/1.2205	1.530/.0602	30.70/1.209	F100	RB4264

40 Engine Year Cyl Bore x Stroke 40

S2 2209cc Inline4 OHV 2v Diesel 09/1979 - 12/1996 L4 88.9mm x 89.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1750A STD, .25, .50, .75, 1.00	CONROD	52.987/2.0861 53.000/2.0866	56.683/2.2316 56.696/2.2321	1.833/.0722	28.60/1.126	F810	1750A IH
	MAINS 1,2,3,4,5	64.987/2.5585 65.000/2.5591	68.987/2.7160 69.000/2.7165				
5M1748A STD, .25, .50, .75, 1.00	1,2,4,5	64.987/2.5585 65.000/2.5591	68.987/2.7160 69.000/2.7165	1.983/.0781	28.60/1.126	F810	1748A U
	3	64.987/2.5585 65.000/2.5591	68.987/2.7160 69.000/2.7165	1.983/.0781	28.60/1.126	F810	1748A L
		64.987/2.5585 65.000/2.5591	68.987/2.7160 69.000/2.7165	1.983/.0781	28.60/1.126	F810	1749A L
2T1748 STD	THRUST	73.500/2.8937 73.500/2.8937	90.300/3.5551 90.300/3.5551		2.33/.092	F250	1748T UL
4RB4068 UNB	PISTON PIN BUSH <i>Set of 4.</i>	28.000/1.1024 28.000/1.1024	30.987/1.2200 31.000/1.2205	1.730/.0681	26.80/1.055	F100	4RB4068
	PISTON PIN BUSH	28.000/1.1024 28.000/1.1024	30.987/1.2200 31.000/1.2205				



40 Continued ...							40
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

PISTON PIN BUSH							
RB4068 UNB		28.000/1.1024 28.000/1.1024	30.987/1.2200 31.000/1.2205	1.730/.0681	26.80/1.055	F100	RB4068

41 Engine		Year	Cyl	Bore x Stroke	41		
SL 3455cc Inline4 OHV 2v Diesel		02/1984 - 12/1989	L4	100.0mm x 110.0mm			
SL 3455cc Inline4 OHV 2v Turbo Diesel		02/1987 - 12/1992	L4	100.0mm x 110.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

CONROD							
4B8144A STD, 010, 020, 030, 040		61.110/2.4059 61.125/2.4065	64.833/2.5525 64.850/2.5531	1.835/.0722	28.05/1.104	F810	8144A IH

MAINS							
5M1777A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.812/2.9847 75.825/2.9852	80.066/3.1522 80.092/3.1532	2.103/.0828	28.60/1.126	F810	1777A IH

THRUST							
2T1777 STD		84.700/3.3346 84.950/3.3445	101.150/3.9823 101.400/3.9921		2.33/.092	F817	1777T UL

PISTON PIN BUSH <i>Set of 4.</i>							
4RB4078 UNB		33.980/1.3378 34.000/1.3386	37.000/1.4567 37.025/1.4577	1.620/.0638	34.30/1.350	F100	4RB4078

PISTON PIN BUSH							
RB4078 UNB		33.980/1.3378 34.000/1.3386	37.000/1.4567 37.025/1.4577	1.620/.0638	34.30/1.350	F100	RB4078

42 Engine		Year	Cyl	Bore x Stroke	42		
TC 1272cc Inline4 SOHC 2v		01/1970 - 12/1980	L4	73.0mm x 76.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

CONROD							
4B1156A STD, .25, .50, .75, 1.00, 1.50		44.940/1.7693 44.955/1.7699	48.002/1.8898 48.017/1.8904	1.510/.0594	19.55/.770	F810	1156A IH

CONROD							
4B8331A STD, .25, .50, .75, 1.00, 1.25		39.939/1.5724 39.954/1.5730	43.000/1.6929 43.019/1.6937	1.515/.0596	17.00/.669	F810	8331A IH

MAINS							
5M1167A STD, .25, .50, .75, 1.00, 1.50	1,2,4	62.940/2.4779 62.955/2.4785	67.000/2.6378 67.019/2.6385	2.010/.0791	20.06/.790	F810	1167A IH
	3,5	62.940/2.4779 62.955/2.4785	67.000/2.6378 67.019/2.6385	2.010/.0791	23.11/.910	F810	1168A IH

MAINS							
5M8334A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	49.939/1.9661 49.954/1.9667	54.000/2.1260 54.020/2.1268	2.012/.0792	19.00/.748	F810	8334A IH

THRUST							
2T1167 STD		69.980/2.7551 70.230/2.7650	79.760/3.1402 80.010/3.1500		2.00/.079	F250	1167T UL

THRUST							
2T8334 STD		57.100/2.2480 57.350/2.2579	68.580/2.7000 68.830/2.7098		2.00/.079	F250	8334T UL

PISTON PIN BUSH <i>Set of 4.</i>							
4RB4024 UNB				1.660/.0654	24.25/.955	F100	4RB4024

PISTON PIN BUSH							
RB4024 UNB				1.660/.0654	24.25/.955	F100	RB4024

43 Engine		Year		Cyl	Bore x Stroke		43
UA 1484cc Inline4 SOHC		01/1966 - 12/1977		L4	75.0mm x 84.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1155A STD, .25, .50, .75		49.935/1.9659	53.000/2.0866	1.510/.0594	20.90/.823	F820	1155A
		49.955/1.9667	53.020/2.0874				IH
MAINS							
<i>Set contains overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.16mm, 0.50mm=Std+0.24mm, 0.75mm=Std+0.32mm, 1.00mm=Std+0.40mm.</i>							
3M1757A STD, .25, .50, .75, 1.00	1	62.940/2.4779	67.005/2.6380	2.008/.0791	24.63/.970	F810	1757A
		62.955/2.4785	67.020/2.6386				IH
	2	62.940/2.4779	67.005/2.6380	2.008/.0791	36.02/1.418	F810	1758A(F)
		62.955/2.4785	67.020/2.6386				IH
	3	62.940/2.4779	67.005/2.6380	2.008/.0791	30.13/1.186	F810	1759A
		62.955/2.4785	67.020/2.6386				IH
CAMS							
3C8227 STD	1	49.977/1.9676	53.000/2.0866	1.505/.0593	25.10/.988	F23	8227
		49.990/1.9681	53.030/2.0878				
	2	48.977/1.9282	52.000/2.0472	1.505/.0593	28.10/1.106	F23	8228
		48.990/1.9287	52.030/2.0484				
	3	44.977/1.7707	48.000/1.8898	1.505/.0593	25.10/.988	F23	8229
		44.990/1.7713	48.017/1.8904				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4017 UNB		22.000/.8661	25.000/.9843	1.660/.0654	28.07/1.105	F100	4RB4017
		22.000/.8661	25.000/.9843				
PISTON PIN BUSH							
RB4017 UNB				1.660/.0654	28.07/1.105	F100	RB4017

44 Engine		Year		Cyl	Bore x Stroke		44	
UB 1490cc Inline4 SOHC		05/1967 - 12/1974		L4	78.0mm x 78.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>22mm wide.</i>								
4B1151A STD, .25, .50, .75, 1.00, 1.50		52.941/2.0843	56.002/2.2048	1.510/.0594	21.97/.865	F810	1151A	
		52.954/2.0848	56.017/2.2054				IH	
MAINS								
5M1627A STD, .25, .50, .75, 1.00, 1.25	1,2,4	62.939/2.4779	67.010/2.6382	2.007/.0790	18.00/.709	F810	1627A	
		62.954/2.4785	67.018/2.6385				IH	
	3,5	62.939/2.4779	67.010/2.6382	2.007/.0790	24.00/.945	F810	1628A	
		62.954/2.4785	67.018/2.6385				UL	
	THRUST							
	2T4162 STD		69.850/2.7500	85.471/3.3650		2.03/.080	F1	4162T
		70.100/2.7598	85.725/3.3750				UL	
CAMS								
3C8276 STD, .25	1	44.945/1.7695	49.009/1.9295	2.014/.0793	24.00/.945	F23	8276	
		44.961/1.7701	49.032/1.9304				IH	
	2,3	44.945/1.7695	49.009/1.9295	2.014/.0793	18.00/.709	F23	8277	
		44.961/1.7701	49.032/1.9304				UL	
	PISTON PIN BUSH <i>Set of 4.</i>							
	4RB4017 UNB		22.000/.8661	25.000/.9843	1.660/.0654	28.07/1.105	F100	4RB4017
		22.000/.8661	25.000/.9843					
PISTON PIN BUSH								
RB4017 UNB				1.660/.0654	28.07/1.105	F100	RB4017	



45 Engine		Year		Cyl	Bore x Stroke		45
VA 1985cc Inline4 OHV 2v		12/1971 - 12/1994		L4	82.0mm x 94.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>21mm wide.</i>							
4B1756A STD, .25, .50, .75, 1.00		52.940/2.0842	56.005/2.2049	1.510/.0594	20.80/.819	F810	1756A
		52.955/2.0848	56.020/2.2055				IH
MAINS <i>Set contains overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.16mm, 0.50mm=Std+0.24mm, 0.75mm=Std+0.32mm, 1.00mm=Std+0.40mm.</i>							
3M1757A STD, .25, .50, .75, 1.00	1	62.940/2.4779	67.005/2.6380	2.008/.0791	24.63/.970	F810	1757A
		62.955/2.4785	67.020/2.6386				IH
	2	62.940/2.4779	67.005/2.6380	2.008/.0791	36.02/1.418	F810	1758A(F)
		62.955/2.4785	67.020/2.6386				IH
3C1764A STD	3	62.940/2.4779	67.005/2.6380	2.008/.0791	30.13/1.186	F810	1759A
		62.955/2.4785	67.020/2.6386				IH
CAMS							
3C1764A STD	1		53.000/2.0866	1.505/.0593	25.10/.988	F820	1764A
	2		52.000/2.0472	1.505/.0593	28.10/1.106	F820	1765A
	3		48.000/1.8898	1.505/.0593	25.10/.988	F820	1769A
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4017 UNB		22.000/.8661	25.000/.9843	1.660/.0654	28.07/1.105	F100	4RB4017
		22.000/.8661	25.000/.9843				
PISTON PIN BUSH							
RB4017 UNB				1.660/.0654	28.07/1.105	F100	RB4017

46 Engine		Year		Cyl	Bore x Stroke		46
TF 4021cc Inline4 OHV 2v Diesel TM 4553cc Inline4 OHV 2v Diesel		01/1989 - On 01/1992 - On		L4 L4	105.5mm x 115.0mm 109.0mm x 122.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8547A STD, .25, .50, .75, 1.00			68.100/2.6811	2.030/.0799	29.90/1.177	F810	8547A
			68.120/2.6819				IH
MAINS							
5M8548A STD, .25, .50, .75, 1.00	1,2,3,4,5	78.880/3.1055	84.100/3.3110	2.525/.0994	29.40/1.158	F810	8548A
		78.980/3.1094	84.120/3.3118				UL
THRUST							
2T8548 STD, .25			104.400/4.1102		2.33/.092	F817	8548T
							UL
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4260 UNB				1.530/.0602	36.80/1.449	F100	4RB4260
PISTON PIN BUSH							
RB4260 UNB				1.530/.0602	36.80/1.449	F100	RB4260

47 Engine		Year		Cyl	Bore x Stroke		47
YF 1989cc Inline4 DOHC 4v		03/2001 - 12/2004		L4	84.8mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B4135A STD, .25, .50, .75		46.890/1.8461	49.890/1.9642	1.475/.0581	20.10/.791	F810	4135A
		46.910/1.8468	49.910/1.9650				IH
MAINS							
5M7193A STD, .25, .50, .75	1,2,3,4,5	57.980/2.2827	62.287/2.4522	2.131/.0839	19.21/.756	F810	7193A
		58.000/2.2835	62.300/2.4528				L
	1,2,4,5	57.980/2.2827	62.287/2.4522	2.131/.0839	19.21/.756	F810	7193A
		58.000/2.2835	62.300/2.4528				U

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47 Continued ...								47
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M7193A STD, .25, .50, .75	3	57.980/2.2827 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.131/.0839	24.68/.972	F810	7195A(F) U	
48 Engine				Year	Cyl	Bore x Stroke	48	
AJ MZI 2967cc V6 DOHC 4v				02/2001 - 12/2006	V6	89.0mm x 79.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
6B4395A STD, .25, .50, .75		49.972/1.9674 49.990/1.9681	53.015/2.0872 53.035/2.0880	1.501/.0591	18.00/.709	F810	4395A IH	
MAINS <i>Set includes thrustwasher.</i>								
4M7262A STD, .25, .50, .75	1,2,4,5	62.969/2.4791 62.992/2.4800	67.998/2.6771 68.021/2.6780	2.502/.0985	17.90/.705	F810	7262A UL	
	3	62.969/2.4791 62.992/2.4800	67.998/2.6771 68.021/2.6780	2.502/.0985	22.30/.878	F810	7263A L	
PISTON PIN BUSH								
RB4114 UNB			24.015/.9455 24.040/.9465	1.850/.0728	21.00/.827	F100	RB4114	



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
M160 599cc Inline3 SOHC 2v Turbo	01/1998 - 01/2007	L3	599	36	47
M166.940 1397cc Inline4 SOHC 2v	10/1997 - 08/2004	L4	1397	85	13
M266.920 1498cc Inline4 SOHC 2v	09/2004 - On	L4	1498	91	14
M166.960/961 1598cc Inline4 SOHC 2v	07/1997 - 07/2005	L4	1598	97	13
OM668 Series1689cc Inline4 DOHC 4v Turbo Diesel	07/1998 - 12/2005	L4	1689	103	46
M266.940 1699cc Inline4 SOHC 2v	09/2004 - On	L4	1699	103	14
M136 Series 1767cc Inline4 2v	01/1949 - 12/1957	L4	1767	107	51
OM636 Series 1767cc Inline4 2v Diesel	01/1949 - 12/1961	L4	1767	107	51
M271 Series 1796cc Inline4 DOHC 4v Supercharged	03/2002 - On	L4	1796	109	16
M102 Series 1797cc Inline4 SOHC 2v	04/1990 - 12/1993	L4	1797	109	1
M111.920/921 1799cc Inline4 DOHC 4v	03/1993 - 02/2001	L4	1799	109	4
M166.990/991 1898cc Inline4 SOHC 2v	03/1999 - 07/2005	L4	1898	115	13
M115 Series 1988cc Inline4 2v	07/1965 - 08/1980	L4	1988	121	7
M121 Series 1988cc Inline4 2v	08/1965 - 02/1968	L4	1988	121	42
OM615 Series 1988cc Inline4 2v Diesel	01/1968 - 12/1989	L4	1988	121	38
OM621 Series 1988cc Inline4 2v Diesel	01/1965 - 12/1969	L4	1988	121	42
M102 Series 1997cc Inline4 SOHC 2v	06/1980 - 08/1993	L4	1997	121	1
OM601 Series 1997cc Inline4 SOHC 2v Diesel	09/1983 - 12/1995	L4	1997	121	22
OM604.915/917 1997cc Inline4 DOHC 4v Diesel	10/1996 - 03/2002	L4	1997	121	30
M111 Series 1998cc Inline4 DOHC 4v	10/1992 - 05/2002	L4	1998	121	4
M111 Series 1998cc Inline4 DOHC 4v Supercharged	10/1995 - 04/2004	L4	1998	121	4
M266.960 2034cc Inline4 SOHC 2v	09/2004 - On	L4	2034	124	15
M266.980 2034cc Inline4 SOHC 2v Turbo	04/2005 - On	L4	2034	124	15
M166.995 2084cc Inline4 SOHC 2v	03/2002 - 08/2004	L4	2084	127	13
OM611 Series 2148cc Inline4 DOHC 4v Turbo Diesel	01/1999 - 10/2006	L4	2148	131	35
OM646 Series 2148cc Inline4 DOHC 4v Turbo Diesel	03/2003 - On	L4	2148	131	43
OM611 Series 2151cc Inline4 DOHC 4v Turbo Diesel	01/1998 - 12/1998	L4	2151	131	35
OM604.910/912 2155cc Inline4 DOHC 4v Diesel	08/1993 - 03/2002	L4	2155	131	30
M127 Series 2196cc Inline6 2v	07/1958 - 12/1965	L6	2196	134	11
M180 Series 2196cc Inline6 2v	01/1954 - 12/1976	L6	2196	134	11
M115 Series 2197cc Inline4 2v	01/1968 - 12/1974	L4	2197	134	7
OM601.921 (USA) 2197cc Inline4 SOHC 2v Diesel	09/1983 - 07/1985	L4	2197	134	22
OM615 Series 2197cc Inline4 2v Diesel	01/1968 - 12/1980	L4	2197	134	38
M111.960/961 2199cc Inline4 DOHC 4v	10/1992 - 05/2000	L4	2199	134	4
M180 Series 2292cc Inline6 2v	08/1959 - 12/1967	L6	2292	139	11
M111 Series 2295cc Inline4 DOHC 4v	02/1995 - 05/2006	L4	2295	140	4
M111 Series 2295cc Inline4 DOHC 4v Supercharged	10/1995 - 04/2004	L4	2295	140	4
M161.971 2295cc Inline4 DOHC 4v	01/1996 - On	L4	2295	140	4
M102 Series 2299cc Inline4 SOHC 2v	04/1977 - 02/1996	L4	2299	140	1
OM601 Series 2299cc Inline4 SOHC 2v Diesel	01/1986 - 05/2006	L4	2299	140	22
OM601.970 2299cc Inline4 SOHC 2v Turbo Diesel	02/1996 - 08/2003	L4	2299	140	23
OM661.911 2299cc Inline4 SOHC 2v Diesel	01/1996 - On	L4	2299	140	44
M180 Series 2306cc Inline6 2v	08/1965 - 11/1976	L6	2306	140	50
M115 Series 2307cc Inline4 2v	08/1973 - 08/1982	L4	2307	140	7
M127 Series 2307cc Inline6 2v	03/1963 - 12/1967	L6	2307	140	10
M112 Series 2398cc V6 SOHC 3v	06/1997 - 05/2005	V6	2398	146	5
OM616 Series 2399cc Inline4 2v Diesel	01/1975 - 04/1989	L4	2399	146	39
M108 Series 2496cc Inline6 2v	01/1965 - 01/1968	L6	2496	152	12
M114 Series 2496cc Inline6 2v	01/1968 - 12/1973	L6	2496	152	6
M129 Series 2496cc Inline6 2v	01/1967 - 01/1968	L6	2496	152	12
OM602 Series 2497cc Inline5 SOHC 2v Diesel	04/1985 - 02/2001	L5	2497	152	24
OM602.961/962 2497cc Inline5 SOHC 2v Turbo Diesel	02/1988 - 06/1996	L5	2497	152	25
OM605 Series 2497cc Inline5 DOHC 4v Diesel	06/1993 - 05/2000	L5	2497	152	31
OM605.960/962 2497cc Inline5 DOHC 4v Turbo Diesel	10/1995 - 03/2001	L5	2497	152	32
M102 Series 2498cc Inline4 DOHC 4v	09/1988 - 08/1993	L4	2498	152	1
M123.920/921 2525cc Inline6 2v	01/1976 - 07/1985	L6	2525	154	53
M103 Series 2597cc Inline6 SOHC 2v	10/1982 - 08/1993	L6	2597	158	2
M112 Series 2597cc V6 SOHC 3v	06/1999 - 03/2010	V6	2597	158	5

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
OM612 Series 2685cc Inline5 DOHC 4v Turbo Diesel	07/1999 - 05/2006	L5	2685	163	36
OM647 Series 2685cc Inline5 DOHC 4v Turbo Diesel	03/2002 - 07/2009	L5	2685	163	36
M110 Series 2746cc Inline6 DOHC 2v	06/1972 - 08/1989	L6	2746	167	3
M130 2778cc Inline6 SOHC 2v	01/1968 - 12/1976	L6	2778	169	6
M104 Series 2799cc Inline6 DOHC 4v	09/1992 - 05/2000	L6	2799	170	2
M112 Series 2799cc V6 SOHC 3v	06/1995 - 08/2005	V6	2799	170	5
OM602 Series 2874cc Inline5 SOHC 2v Diesel	10/1988 - On	L5	2874	175	27
OM602 Series 2874cc Inline5 SOHC 2v Turbo Diesel	04/1992 - On	L5	2874	175	26
OM662.911 2874cc Inline5 SOHC 2v Diesel	01/1996 - On	L5	2874	175	45
M103 Series 2960cc Inline6 SOHC 2v	01/1985 - 09/1997	L6	2960	180	2
M104.980/981 2960cc Inline6 DOHC 4v	03/1989 - 06/1996	L6	2960	180	2
M189 Series 2996cc Inline6 2v	01/1961 - 12/1967	L6	2996	182	52
OM603 Series 2996cc Inline6 SOHC 2v Diesel	03/1979 - 07/1999	L6	2996	182	28
OM603 Series 2996cc Inline6 SOHC 2v Turbo Diesel	09/1986 - 06/1995	L6	2996	182	29
OM606 Series 2996cc Inline6 DOHC 4v Turbo Diesel	05/1996 - 07/1999	L6	2996	182	34
OM606.910/912 2996cc Inline6 DOHC 4v Diesel	06/1993 - 06/1997	L6	2996	182	33
OM617 Series 2998cc Inline5 2v Diesel	08/1973 - 12/1990	L5	2998	182	40
OM617 Series 2998cc Inline5 2v Turbo Diesel	01/1978 - 12/1985	L5	2998	182	41
M104 Series 3199cc Inline6 DOHC 4v	03/1991 - 10/2001	L6	3199	195	2
M112 Series 3199cc V6 SOHC 3v	06/1997 - 03/2010	V6	3199	195	5
M162 3199cc Inline6 DOHC 4v	01/1996 - 12/2008	L6	3199	195	48
OM613 Series 3222cc Inline6 DOHC 4v Turbo Diesel	06/1999 - 03/2003	L6	3222	196	37
OM648 Series 3222cc Inline6 DOHC 4v Turbo Diesel	09/2002 - 07/2009	L6	3222	196	37
OM603 Series 3449cc Inline6 SOHC 2v Turbo Diesel	06/1991 - 10/1998	L6	3449	210	29
M116 Series 3499cc V8 SOHC 2v	01/1969 - 02/1980	V8	3499	213	8
M112 Series 3724cc V6 SOHC 3v	08/2002 - On	V6	3724	227	5
OM314 3782cc Inline4 2v Diesel	01/1966 - 12/1989	L4	3782	230	55
M116 Series 3818cc V8 SOHC 2v	12/1979 - 12/1986	V8	3818	232	8
OM354 3972cc Inline4 2v Turbo Diesel	01/1994 - On	L4	3972	242	19
OM364 3972cc Inline4 2v Diesel	01/1984 - On	L4	3972	242	19
OM364 3972cc Inline4 2v Turbo Diesel	01/1984 - On	L4	3972	242	19
OM374 3972cc Inline4 2v Diesel	01/1964 - On	L4	3972	242	19
OM374 3972cc Inline4 2v Turbo Diesel	01/1984 - On	L4	3972	242	19
M116 Series 4196cc V8 SOHC 2v	01/1985 - 12/1991	V8	4196	256	8
M119 Series 4196cc V8 DOHC 4v	02/1991 - 08/1999	V8	4196	256	9
M113 Series 4266cc V8 SOHC 3v	06/1997 - 08/2005	V8	4266	260	54
M117 Series 4520cc V8 SOHC 2v	01/1972 - 10/1980	V8	4520	275	8
M113 Series 4966cc V8 SOHC 3v	04/1998 - 01/2012	V8	4966	303	54
M117 Series 4973cc V8 SOHC 2v	06/1978 - 10/1994	V8	4973	303	8
M119 Series 4973cc V8 DOHC 4v	01/1989 - 12/1999	V8	4973	303	9
M119.960 4973cc V8 DOHC 4v	03/1989 - 08/1992	V8	4973	303	49
M113 Series 5439cc V8 SOHC 3v	08/1997 - 01/2012	V8	5439	331	54
M117.967/968 5547cc V8 SOHC 2v	10/1985 - 06/1991	V8	5547	338	8
OM344 5675cc Inline6 2v Diesel	01/1964 - On	L6	5675	346	17
OM352 5675cc Inline6 2v Diesel	01/1965 - 12/1989	L6	5675	346	18
OM353 5675cc Inline6 2v Diesel	01/1964 - 12/1991	L6	5675	346	18
OM362 5675cc Inline6 2v Turbo Diesel	01/1983 - 12/1985	L6	5675	346	21
OM356 5958cc Inline6 2v Diesel	01/1992 - On	L6	5958	363	20
OM357 5958cc Inline6 2v Turbo Diesel	01/1994 - On	L6	5958	363	20
OM366 5958cc Inline6 2v Diesel	01/1984 - On	L6	5958	363	20
OM366 5958cc Inline6 2v Turbo Diesel	01/1984 - On	L6	5958	363	20
OM372 5958cc Inline6 2v Diesel	01/1964 - On	L6	5958	363	20
OM372 5958cc Inline6 2v Turbo Diesel	01/1964 - On	L6	5958	363	20
OM382 5958cc Inline6 2v Diesel	01/1977 - On	L6	5958	363	20
OM382 5958cc Inline6 2v Turbo Diesel	01/1985 - On	L6	5958	363	20



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1 Engine		Year	Cyl	Bore x Stroke	1		
M102 Series 1797cc Inline4 SOHC 2v		04/1990 - 12/1993	L4	89.0mm x 72.2mm			
M102 Series 1997cc Inline4 SOHC 2v		06/1980 - 08/1993	L4	89.0mm x 80.3mm			
M102 Series 2299cc Inline4 SOHC 2v		04/1977 - 02/1996	L4	95.5mm x 80.3mm			
M102 Series 2498cc Inline4 DOHC 4v		09/1988 - 08/1993	L4	95.5mm x 87.2mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearings have a hole. Suits up to 12/1983.</i>							
4B2510P STD, .25, .50, .75, 1.00		47.955/1.8880	51.600/2.0315	1.810/.0713	22.00/.866	F780	2510 IH
		47.965/1.8884	51.619/2.0322				
CONROD <i>Bearings have a slot. Suits from 1984 on.</i>							
4B2526P STD, .25, .50, .75, 1.00		47.950/1.8878	51.600/2.0315	1.814/.0714	21.80/.858	F780	2526 IH
		47.965/1.8884	51.619/2.0322				
MAINS <i>Suits until 12/1985.</i>							
5M2524A STD, .25, .50, .75, 1.00	1,2,3,4,5	57.950/2.2815	62.500/2.4606	2.261/.0890	21.40/.843	F810	2524A UL
		57.965/2.2821	62.519/2.4614				
MAINS <i>Suits from 1985 on.</i>							
5M2873A STD, .25, .50, .75, 1.00	1,2,3,4,5	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				
THRUST							
2T2525 STD, .10		65.800/2.5905	80.750/3.1791		4.20/.165	F817	2525T UL
		66.050/2.6004	81.000/3.1890				
THRUST							
2T2873 STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				
PISTON PIN BUSH <i>Set of 4. Suits up to 12/1982.</i>							
4RB4212 UNB		23.996/.9447	27.000/1.0630		27.60/1.087	F100	4RB4212
		24.000/.9449	27.021/1.0638				
PISTON PIN BUSH <i>Set of 4. Suits from 1983 on.</i>							
4RB4213 UNB		21.995/.8659	24.500/.9646		21.90/.862	F100	4RB4213
		22.000/.8661	24.521/.9654				

2 Engine		Year	Cyl	Bore x Stroke	2		
M103 Series 2597cc Inline6 SOHC 2v		10/1982 - 08/1993	L6	82.8mm x 80.3mm			
M103 Series 2960cc Inline6 SOHC 2v		01/1985 - 09/1997	L6	88.5mm x 80.3mm			
M104 Series 2799cc Inline6 DOHC 4v		09/1992 - 05/2000	L6	89.9mm x 73.5mm			
M104 Series 3199cc Inline6 DOHC 4v		03/1991 - 10/2001	L6	89.9mm x 84.0mm			
M104.980/981 2960cc Inline6 DOHC 4v		03/1989 - 06/1996	L6	88.5mm x 80.2mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearings have a slot.</i>							
6B2526P STD, .25, .50, .75, 1.00		47.950/1.8878	51.600/2.0315	1.814/.0714	21.80/.858	F780	2526 IH
		47.965/1.8884	51.619/2.0322				
MAINS							
7M2873A STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				
THRUST							
2T2873 STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				
PISTON PIN BUSH <i>Set of 6. Suits from 1983 on.</i>							
6RB4213 UNB		21.995/.8659	24.500/.9646		21.90/.862	F100	6RB4213
		22.000/.8661	24.521/.9654				

3 Engine		Year	Cyl	Bore x Stroke	3		
M110 Series 2746cc Inline6 DOHC 2v		06/1972 - 08/1989	L6	86.0mm x 78.8mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2510P STD, .25, .50, .75, 1.00		47.955/1.8880	51.600/2.0315	1.810/.0713	22.00/.866	F780	2510 IH
		47.965/1.8884	51.619/2.0322				

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3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Suits from 1977 on. Position 4 has no groove, all other positions are fully grooved.</i>							
7M2527A STD, .25, .50	1,2,5,6,7	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F810	2527A UL
	3	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	28.90/1.138	F810	2529A(F) UL
	4	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F810	2528A UL
	MAINS <i>Suits from 1977 on. Position 4 has no groove, all other positions are fully grooved.</i>						
	7M2527P STD, .25, .50	1,2,5,6,7	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F780
3		59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	28.90/1.138	F780	2529(F) UL
4		59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F780	2528 UL
MAINS <i>Position 4 has no groove, all other positions are half grooved.</i>							
7M2880A STD, .25, .50		1,2,5,6,7	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F810
	3	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	28.90/1.138	F810	2889A(F) UL
	4	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F810	2880A UL
	MAINS <i>Position 4 has no groove, all other positions are half grooved.</i>						
	7M2880P STD, .25, .50	1,2,5,6,7	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F780
3		59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	28.90/1.138	F780	2889(F) UL
4		59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F780	2880 UL
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4214 UNB				26.000/1.0236 26.021/1.0244		27.60/1.087	F100

4 Engine	Year	Cyl	Bore x Stroke	4
M111 Series 1998cc Inline4 DOHC 4v	10/1992 - 05/2002	L4	89.9mm x 78.7mm	
M111 Series 1998cc Inline4 DOHC 4v Supercharged	10/1995 - 04/2004	L4	89.9mm x 78.7mm	
M111 Series 2295cc Inline4 DOHC 4v	02/1995 - 05/2006	L4	90.9mm x 88.4mm	
M111 Series 2295cc Inline4 DOHC 4v Supercharged	10/1995 - 04/2004	L4	90.9mm x 88.4mm	
M111.920/921 1799cc Inline4 DOHC 4v	03/1993 - 02/2001	L4	85.3mm x 78.7mm	
M111.960/961 2199cc Inline4 DOHC 4v	10/1992 - 05/2000	L4	89.9mm x 86.6mm	
M161.971 2295cc Inline4 DOHC 4v	01/1996 - On	L4	90.9mm x 88.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearings have a slot. Suits from 1984 on.</i>							
4B2526P STD, .25, .50, .75, 1.00		47.950/1.8878 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.814/.0714	21.80/.858	F780	2526 IH
	MAINS <i>Suits from 1985 on.</i>						
5M2873A STD, .25, .50, .75, 1.0	1,2,3,4,5	57.950/2.2815 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.261/.0890	17.50/.689	F810	2873A UL
	THRUST						
2T2873 STD, .10		65.800/2.5905 66.050/2.6004	80.750/3.1791 81.000/3.1890		2.20/.087	F817	2873T UL
	PISTON PIN BUSH <i>Set of 4. Suits from 1983 on.</i>						
4RB4213 UNB		21.995/.8659 22.000/.8661	24.500/.9646 24.521/.9654		21.90/.862	F100	4RB4213



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5	Engine	Year	Cyl	Bore x Stroke	5
	M112 Series 2398cc V6 SOHC 3v	06/1997 - 05/2005	V6	83.2mm x 73.5mm	
	M112 Series 2597cc V6 SOHC 3v	06/1999 - 03/2010	V6	89.9mm x 68.2mm	
	M112 Series 2799cc V6 SOHC 3v	06/1995 - 08/2005	V6	89.9mm x 73.5mm	
	M112 Series 3199cc V6 SOHC 3v	06/1997 - 03/2010	V6	89.9mm x 84.0mm	
	M112 Series 3724cc V6 SOHC 3v	08/2002 - On	V6	97.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8724P STD, .20		51.940/2.0449	55.600/2.1890	1.814/.0714	19.60/.772	F780	8724
		51.965/2.0459	55.614/2.1895				IH
MAINS							
4M8725A STD, .20	1,2,3,4	63.940/2.5173	68.500/2.6968	2.263/.0891	19.00/.748	F810	8725A
		63.965/2.5183	68.519/2.6976				UL

6	Engine	Year	Cyl	Bore x Stroke	6
	M114 Series 2496cc Inline6 2v	01/1968 - 12/1973	L6	82.0mm x 78.8mm	
	M130 2778cc Inline6 SOHC 2v	01/1968 - 12/1976	L6	86.5mm x 78.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2886P STD, .25, .50		47.955/1.8880	51.600/2.0315	1.810/.0713	22.00/.866	F780	2886
		47.965/1.8884	51.619/2.0322				IH
MAINS							
7M2880A STD, .25, .50	1,2,5,6,7	59.955/2.3604	67.000/2.6378	3.505/.1380	22.50/.886	F810	2887A
		59.965/2.3608	67.019/2.6385				UL
	3	59.955/2.3604	67.000/2.6378	3.505/.1380	28.90/1.138	F810	2889A(F)
		59.965/2.3608	67.019/2.6385				UL
	4	59.955/2.3604	67.000/2.6378	3.505/.1380	22.50/.886	F810	2880A
		59.965/2.3608	67.019/2.6385				UL
MAINS							
7M2880P STD, .25, .50	1,2,5,6,7	59.955/2.3604	67.000/2.6378	3.505/.1380	22.50/.886	F780	2887
		59.965/2.3608	67.019/2.6385				UL
	3	59.955/2.3604	67.000/2.6378	3.505/.1380	28.90/1.138	F780	2889(F)
		59.965/2.3608	67.019/2.6385				UL
	4	59.955/2.3604	67.000/2.6378	3.505/.1380	22.50/.886	F780	2880
		59.965/2.3608	67.019/2.6385				UL
PISTON PIN BUSH							
RB4215 UNB			28.000/1.1024		27.60/1.087	F100	RB4215

7	Engine	Year	Cyl	Bore x Stroke	7
	M115 Series 1988cc Inline4 2v	07/1965 - 08/1980	L4	87.0mm x 83.6mm	
	M115 Series 2197cc Inline4 2v	01/1968 - 12/1974	L4	87.0mm x 92.4mm	
	M115 Series 2307cc Inline4 2v	08/1973 - 08/1982	L4	93.8mm x 83.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2515A STD, .25, .50, .75, 1.00		<i>No hole.</i>					
		51.955/2.0455	55.600/2.1890	1.805/.0711	26.00/1.024	F810	2515A
		51.965/2.0459	55.619/2.1897				IH
CONROD							
4B2515P STD, .25, .50, .75, 1.00		<i>No hole.</i>					
		51.955/2.0455	55.600/2.1890	1.805/.0711	26.00/1.024	F780	2515
		51.965/2.0459	55.619/2.1897				IH
CONROD							
4B2516A STD, .25, .50, .75, 1.00, 1.50		<i>One oil hole in upper half.</i>					
		51.955/2.0455	55.600/2.1890	1.805/.0711	26.00/1.024	F810	2516A
		51.965/2.0459	55.619/2.1897				UL
CONROD							
4B2516P STD, .25, .50, .75, 1.00, 1.50		<i>One oil hole in upper half.</i>					
		51.955/2.0455	55.600/2.1890	1.805/.0711	26.00/1.024	F780	2516
		51.965/2.0459	55.619/2.1897				UL

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7 Continued ... 7

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M2519A STD, .25, .50, .75, 1.00, 1.25	MAINS 1,2,4,5	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	27.00/1.063	F810	2517A UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	33.90/1.335	F810	2519A(F) UL
	MAINS 1,2,4,5	69.939/2.7535 69.965/2.7545	74.501/2.9331 74.519/2.9338	2.256/.0888	27.00/1.063	F780	2517 UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	33.91/1.335	F780	2519(F) IH
4RB4010 UNB	PISTON PIN BUSH	25.994/1.0234 26.000/1.0236	29.000/1.1417 29.020/1.1425	1.650/.0650	31.93/1.257	F100	4RB4010
	PISTON PIN BUSH	25.994/1.0234 26.000/1.0236	29.000/1.1417 29.020/1.1425	1.650/.0650	31.93/1.257	F100	RB4010

8 Engine Year Cyl Bore x Stroke 8

M116 Series 3499cc V8 SOHC 2v	01/1969 - 02/1980	V8	92.0mm x 65.8mm
M116 Series 3818cc V8 SOHC 2v	12/1979 - 12/1986	V8	88.0mm x 78.9mm
M116 Series 4196cc V8 SOHC 2v	01/1985 - 12/1991	V8	92.0mm x 78.9mm
M117 Series 4520cc V8 SOHC 2v	01/1972 - 10/1980	V8	92.0mm x 85.0mm
M117 Series 4973cc V8 SOHC 2v	06/1978 - 10/1994	V8	96.5mm x 85.0mm
M117.967/968 5547cc V8 SOHC 2v	10/1985 - 06/1991	V8	96.5mm x 94.8mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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8B8704P STD, .25	CONROD	<i>Suits engines up to 12/1980.</i>					
		51.945/2.0451 51.965/2.0459	55.600/2.1890 55.619/2.1897	1.810/.0713	22.00/.866	F780	8704 IH
8B8705P STD, .25	CONROD	<i>Suits engines from 1981 on.</i>					
		47.945/1.8876 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.810/.0713	22.00/.866	F780	8705 IH
5M8708P STD, .25, .50	MAINS	63.955/2.5179 63.965/2.5183	68.500/2.6968 68.519/2.6976	2.254/.0887	21.00/.827	F780	8708 UL
		63.955/2.5179 63.965/2.5183	68.500/2.6968 68.519/2.6976	2.254/.0887	26.90/1.059	F780	8709(F) UL
	PISTON PIN BUSH		29.000/1.1417		27.60/1.087	F100	RB4216
	PISTON PIN BUSH		26.000/1.0236		27.60/1.087	F100	RB4217

9 Engine Year Cyl Bore x Stroke 9

M119 Series 4196cc V8 DOHC 4v	02/1991 - 08/1999	V8	92.0mm x 78.9mm
M119 Series 4973cc V8 DOHC 4v	01/1989 - 12/1999	V8	96.5mm x 85.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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8B8706P STD, .25, .50, .75, 1.00	CONROD	<i>Bearings have a slot.</i>					
		47.950/1.8878 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.810/.0713	21.80/.858	F780	8706 UL
5M8713P STD, .25	MAINS	63.950/2.5177 63.965/2.5183	68.500/2.6968 68.519/2.6976	2.254/.0887	26.90/1.059	F780	8714(F) UL
		63.950/2.5177 63.965/2.5183	68.480/2.6961 68.499/2.6968	2.254/.0887	17.00/.669	F780	8713 UL



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10 Engine		Year		Cyl	Bore x Stroke		10
M127 Series 2307cc Inline6 2v		03/1963 - 12/1967		L6	82.0mm x 72.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2876P STD, .25, .50		47.955/1.8880	51.600/2.0315	1.803/.0710	24.10/.949	F780	2876
		47.965/1.8884	51.619/2.0322				IH
MAINS							
4M2878P STD, .25, .50	1,2,4	59.955/2.3604	67.000/2.6378	3.502/.1379	24.10/.949	F780	1042
		59.965/2.3608	67.019/2.6385				UL
	3	59.955/2.3604	67.000/2.6378	3.502/.1379	29.90/1.177	F780	2878(F)
		59.965/2.3608	67.019/2.6385				UL
11 Engine		Year		Cyl	Bore x Stroke		11
M127 Series 2196cc Inline6 2v		07/1958 - 12/1965		L6	80.0mm x 72.8mm		
M180 Series 2196cc Inline6 2v		01/1954 - 12/1976		L6	80.0mm x 72.8mm		
M180 Series 2292cc Inline6 2v		08/1959 - 12/1967		L6	81.8mm x 72.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Suits engines up to 1964.</i>							
6B1041P STD, .25, .50		47.940/1.8874	54.000/2.1260	3.005/.1183	24.10/.949	F780	1041
		47.960/1.8882	54.018/2.1267				IH
CONROD							
6B2876P STD, .25, .50		47.955/1.8880	51.600/2.0315	1.803/.0710	24.10/.949	F780	2876
		47.965/1.8884	51.619/2.0322				IH
MAINS							
4M2878P STD, .25, .50	1,2,4	59.955/2.3604	67.000/2.6378	3.502/.1379	24.10/.949	F780	1042
		59.965/2.3608	67.019/2.6385				UL
	3	59.955/2.3604	67.000/2.6378	3.502/.1379	29.90/1.177	F780	2878(F)
		59.965/2.3608	67.019/2.6385				UL
12 Engine		Year		Cyl	Bore x Stroke		12
M108 Series 2496cc Inline6 2v		01/1965 - 01/1968		L6	82.0mm x 78.8mm		
M129 Series 2496cc Inline6 2v		01/1967 - 01/1968		L6	82.0mm x 78.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Was 6B2870P.</i>							
6B8734P STD, .25, .50		47.940/1.8874	51.600/2.0315	1.803/.0710	24.10/.949	F780	8734
		47.960/1.8882	51.619/2.0322				UL
MAINS							
7M2878P STD, .25, .50	1,4,7	59.955/2.3604	67.000/2.6378	3.502/.1379	24.10/.949	F780	1042
		59.965/2.3608	67.019/2.6385				UL
	2,3,6	59.955/2.3604	67.000/2.6378	3.502/.1379	21.00/.827	F780	2879
		59.965/2.3608	67.019/2.6385				UL
	5	59.955/2.3604	67.000/2.6378	3.502/.1379	29.90/1.177	F780	2878(F)
		59.965/2.3608	67.019/2.6385				UL
13 Engine		Year		Cyl	Bore x Stroke		13
M166.940 1397cc Inline4 SOHC 2v		10/1997 - 08/2004		L4	80.0mm x 69.5mm		
M166.960/961 1598cc Inline4 SOHC 2v		07/1997 - 07/2005		L4	80.0mm x 79.5mm		
M166.990/991 1898cc Inline4 SOHC 2v		03/1999 - 07/2005		L4	84.0mm x 85.6mm		
M166.995 2084cc Inline4 SOHC 2v		03/2002 - 08/2004		L4	84.0mm x 94.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8720A STD, .25				1.814/.0714	18.90/.744	F810	8720A
							IH
CONROD							
4B8720P STD, .25				1.814/.0714	18.90/.744	F780	8720
							IH

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13 Continued ... 13

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M8722A STD, .25	MAINS 1,2,3,4,5	54.940/2.1630 54.965/2.1640	59.000/2.3228 59.019/2.3236	2.012/.0792	17.00/.669	F810	8722A UL
	THRUST						
2T8722 STD					2.20/.087	F817	8722T UL
RB4221 UNB	PISTON PIN BUSH		22.500/.8858 22.521/.8867		18.90/.744	F100	RB4221

14 Engine Year Cyl Bore x Stroke 14

M266.920 1498cc Inline4 SOHC 2v	09/2004 - On	L4	83.0mm x 69.2mm
M266.940 1699cc Inline4 SOHC 2v	09/2004 - On	L4	83.0mm x 78.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8716P STD, .25	CONROD	45.940/1.8087 45.965/1.8096	49.600/1.9528 49.614/1.9533	1.813/.0714	19.90/.784	F780	8716 IH
	MAINS 1,2,3,4,5	54.950/2.1634 54.975/2.1644	59.000/2.3228 59.019/2.3236				
5M8718A STD, .25				2.004/.0789	20.00/.787	F810	8718A UL
2T8718 STD	THRUST				2.20/.087	F817	8718T UL
RB4219	PISTON PIN BUSH		21.500/.8465 21.521/.8473		19.90/.784	F100	RB4219

15 Engine Year Cyl Bore x Stroke 15

M266.960 2034cc Inline4 SOHC 2v	09/2004 - On	L4	83.0mm x 94.0mm
M266.980 2034cc Inline4 SOHC 2v Turbo	04/2005 - On	L4	83.0mm x 94.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8716P STD, .25	CONROD	45.940/1.8087 45.965/1.8096	49.600/1.9528 49.614/1.9533	1.813/.0714	19.90/.784	F780	8716 IH
	MAINS 1,2,3,4,5	54.950/2.1634 54.975/2.1644	59.000/2.3228 59.019/2.3236				
5M8718A STD, .25				2.004/.0789	20.00/.787	F810	8718A UL
2T8718 STD	THRUST				2.20/.087	F817	8718T UL
RB4220	PISTON PIN BUSH		22.500/.8858 22.521/.8867		19.90/.784	F100	RB4220

16 Engine Year Cyl Bore x Stroke 16

M271 Series 1796cc Inline4 DOHC 4v Supercharged	03/2002 - On	L4	82.0mm x 85.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8717P STD, .25	CONROD	47.941/1.8874 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.815/.0715	20.00/.787	F780	8717 IH
	MAINS 1,2,3,4,5	54.940/2.1630 54.965/2.1640	59.000/2.3228 59.019/2.3236				
5M8719A STD, .25				2.019/.0795	20.00/.787	F810	8719A UL
2T8718 STD	THRUST				2.20/.087	F817	8718T UL



16 Continued ...							16
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4218 UNB			22.500/.8858 22.521/.8867		19.90/.784	F100	RB4218

17 Engine			Year	Cyl	Bore x Stroke	17		
OM344 5675cc Inline6 2v Diesel			01/1964 - On	L6	97.0mm x 128.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
1B8241 STD, .005, .010, .020, .030, .040		31.984/1.2592 31.999/1.2598	35.000/1.3780 35.016/1.3786	1.486/.0585	17.01/.670	F23	8241 UL	
CONROD 29.40 mm wide version.								
4B2865A STD, .25, .50, .75, 1.00		59.995/2.3620 60.015/2.3628	65.000/2.5591 65.019/2.5598	2.472/.0973	29.40/1.158	F810	2865A IH	
CONROD 32.10 mm wide version.								
4B2866P STD, .25, .50, .75, 1.00, 1.50		59.990/2.3618 60.015/2.3628	65.000/2.5591 65.019/2.5598	2.471/.0973	32.10/1.264	F780	2866 IH	
CAMS								
4C8246 STD	1	55.941/2.2024 55.960/2.2031	60.000/2.3622 60.030/2.3634	2.012/.0792	26.24/1.033	F23	8246	
	2	55.691/2.1926 55.710/2.1933	60.000/2.3622 60.030/2.3634	2.136/.0841	26.24/1.033	F23	8247	
	3	55.441/2.1827 55.460/2.1835	60.000/2.3622 60.030/2.3634	2.263/.0891	26.24/1.033	F23	8248	
	4	55.191/2.1729 55.210/2.1736	60.000/2.3622 60.030/2.3634	2.388/.0940	26.24/1.033	F23	8249	
	PISTON PIN BUSH							
	RB4020 UNB			39.000/1.5354 39.024/1.5364	1.760/.0693	34.42/1.355	F100	RB4020

18 Engine			Year	Cyl	Bore x Stroke	18		
OM352 5675cc Inline6 2v Diesel			01/1965 - 12/1989	L6	97.0mm x 128.0mm			
OM353 5675cc Inline6 2v Diesel			01/1964 - 12/1991	L6	97.0mm x 128.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
1B8241 STD, .005, .010, .020, .030, .040		31.984/1.2592 31.999/1.2598	35.000/1.3780 35.016/1.3786	1.486/.0585	17.01/.670	F23	8241 UL	
CONROD 29.4mm wide.								
6B2865A STD, .25, .50, .75, 1.00		59.995/2.3620 60.015/2.3628	65.000/2.5591 65.019/2.5598	2.472/.0973	29.40/1.158	F810	2865A IH	
CONROD 32.1mm wide.								
6B2866P STD, .25, .50, .75, 1.00, 1.25		59.990/2.3618 60.015/2.3628	65.000/2.5591 65.019/2.5598	2.471/.0973	32.10/1.264	F780	2866 IH	
MAINS Std width flanges.								
7M2867P STD, .25, .50, .75, 1.00, 1.2	1,2,3,5,6,7	87.990/3.4642 88.010/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	24.13/.950	F780	2867 UL	
	4	87.991/3.4642 88.011/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	31.81/1.252	F780	2868(F) UL	
	MAINS Set has overwidth flanges on undersizes: Std=Std, 0.25/0.50/0.75/1.00mm=Std+1.00mm.							
	7M2869P STD, .25, .50, .75, 1.00	1,2,3,5,6,7	87.990/3.4642 88.010/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	24.13/.950	F780	2867 UL
4		87.991/3.4642 88.011/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	31.81/1.252	F780	2869(F) UL	
CAMS								
4C8246 STD	1	55.941/2.2024 55.960/2.2031	60.000/2.3622 60.030/2.3634	2.012/.0792	26.24/1.033	F23	8246	
	2	55.691/2.1926 55.710/2.1933	60.000/2.3622 60.030/2.3634	2.136/.0841	26.24/1.033	F23	8247	

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18 Continued ...							18
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4C8246 STD.	3	55.441/2.1827 55.460/2.1835	60.000/2.3622 60.030/2.3634	2.263/.0891	26.24/1.033	F23	8248
	4	55.191/2.1729 55.210/2.1736	60.000/2.3622 60.030/2.3634	2.388/.0940	26.24/1.033	F23	8249
PISTON PIN BUSH							
RB4020 UNB			39.000/1.5354 39.024/1.5364	1.760/.0693	34.42/1.355	F100	RB4020

19 Engine				Year	Cyl	Bore x Stroke	19
OM354 3972cc Inline4 2v Turbo Diesel				01/1994 - On	L4	97.5mm x 133.0mm	
OM364 3972cc Inline4 2v Diesel				01/1984 - On	L4	97.5mm x 133.0mm	
OM364 3972cc Inline4 2v Turbo Diesel				01/1984 - On	L4	97.5mm x 133.0mm	
OM374 3972cc Inline4 2v Diesel				01/1964 - On	L4	97.5mm x 133.0mm	
OM374 3972cc Inline4 2v Turbo Diesel				01/1984 - On	L4	97.5mm x 133.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>29.40 mm wide version.</i>							
4B2865A STD, .25, .50, .75, 1.00		59.995/2.3620 60.015/2.3628	65.000/2.5591 65.019/2.5598	2.472/.0973	29.40/1.158	F810	2865A IH
	MAINS						
5M2870P STD, .25, .50, .75, 1.00	1,2,3,4	87.990/3.4642 88.010/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	24.13/.950	F780	2871 UL
	5	87.991/3.4642 88.011/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	31.81/1.252	F780	2870(F) UL
	PISTON PIN BUSH						
RB4020 UNB			39.000/1.5354 39.024/1.5364	1.760/.0693	34.42/1.355	F100	RB4020

20 Engine				Year	Cyl	Bore x Stroke	20
OM356 5958cc Inline6 2v Diesel				01/1992 - On	L6	97.5mm x 133.0mm	
OM357 5958cc Inline6 2v Turbo Diesel				01/1994 - On	L6	97.5mm x 133.0mm	
OM366 5958cc Inline6 2v Diesel				01/1984 - On	L6	97.5mm x 133.0mm	
OM366 5958cc Inline6 2v Turbo Diesel				01/1984 - On	L6	97.5mm x 133.0mm	
OM372 5958cc Inline6 2v Diesel				01/1964 - On	L6	97.5mm x 133.0mm	
OM372 5958cc Inline6 2v Turbo Diesel				01/1964 - On	L6	97.5mm x 133.0mm	
OM382 5958cc Inline6 2v Diesel				01/1977 - On	L6	97.5mm x 133.0mm	
OM382 5958cc Inline6 2v Turbo Diesel				01/1985 - On	L6	97.5mm x 133.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>29.4mm wide.</i>							
6B2865A STD, .25, .50, .75, 1.00		59.995/2.3620 60.015/2.3628	65.000/2.5591 65.019/2.5598	2.472/.0973	29.40/1.158	F810	2865A IH
	MAINS						
7M2870P STD, .25, .50, .75, 1.00	1,2,3,4,5,6	87.990/3.4642 88.010/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	24.13/.950	F780	2871 UL
	7	87.991/3.4642 88.011/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	31.81/1.252	F780	2870(F) UL
	PISTON PIN BUSH						
RB4020 UNB			39.000/1.5354 39.024/1.5364	1.760/.0693	34.42/1.355	F100	RB4020

21 Engine				Year	Cyl	Bore x Stroke	21
OM362 5675cc Inline6 2v Turbo Diesel				01/1983 - 12/1985	L6	97.0mm x 128.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
1B8241 STD, 005, 010, 020, 030, 040		31.984/1.2592 31.999/1.2598	35.000/1.3780 35.016/1.3786	1.486/.0585	17.01/.670	F23	8241 UL



21 Continued ...							21	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
6B2865A STD, .25, .50, .75, 1.00	CONROD	29.4mm wide.		65.000/2.5591 65.019/2.5598	2.472/.0973	29.40/1.158	F810	2865A IH
		59.995/2.3620 60.015/2.3628						
6B2866P STD, .25, .50, .75, 1.00, 1.25	CONROD	32.1mm wide.		65.000/2.5591 65.019/2.5598	2.471/.0973	32.10/1.264	F780	2866 IH
		59.990/2.3618 60.015/2.3628						
RB4020 UNB	PISTON PIN BUSH		39.000/1.5354 39.024/1.5364	1.760/.0693	34.42/1.355	F100	RB4020	

22 Engine			Year	Cyl	Bore x Stroke	22
OM601 Series 1997cc Inline4 SOHC 2v Diesel			09/1983 - 12/1995	L4	87.0mm x 84.0mm	
OM601 Series 2299cc Inline4 SOHC 2v Diesel			01/1986 - 05/2006	L4	89.0mm x 92.4mm	
OM601.921 (USA) 2197cc Inline4 SOHC 2v Diesel			09/1983 - 07/1985	L4	87.0mm x 92.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8740A STD, .25, .50	CONROD	47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8740A IH
		47.965/1.8884	51.619/2.0322				
5M2873A STD, .25, .50, .75, 1.0	MAINS 1,2,3,4,5	Suits from 1985 on.		2.261/.0890	17.50/.689	F810	2873A UL
		57.950/2.2815 57.965/2.2821	62.500/2.4606 62.519/2.4614				
2T2873 STD, .10	THRUST	65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				
4RB4227 UNB	PISTON PIN BUSH	Set of 4. Suits 26mm pin.			21.90/.862	F100	4RB4227
		25.995/1.0234 26.000/1.0236	28.500/1.1220 28.521/1.1229				
4RB4228 UNB	PISTON PIN BUSH	Set of 4. Suits 27mm pin.			24.00/.945	F100	4RB4228
		26.995/1.0628 27.000/1.0630	29.500/1.1614 29.521/1.1622				
RB4227 UNB	PISTON PIN BUSH	Single piece. Suits 26mm pin.			21.90/.862	F100	RB4227
		25.995/1.0234 26.000/1.0236	28.500/1.1220 28.521/1.1229				
RB4228 UNB	PISTON PIN BUSH	Suits 27mm pin.			24.00/.945	F100	RB4228
		26.995/1.0628 27.000/1.0630	29.500/1.1614 29.521/1.1622				

23 Engine			Year	Cyl	Bore x Stroke	23
OM601.970 2299cc Inline4 SOHC 2v Turbo Diesel			02/1996 - 08/2003	L4	89.0mm x 92.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8741D STD, .25, .50	CONROD	47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8741A L
		47.965/1.8884	51.619/2.0322				
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8741D U
		47.965/1.8884	51.619/2.0322				
4B8741P STD, .25, .50	CONROD	47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8741 IH
		47.965/1.8884	51.619/2.0322				
5M2873A STD, .25, .50, .75, 1.0	MAINS 1,2,3,4,5	Suits from 1985 on.		2.261/.0890	17.50/.689	F810	2873A UL
		57.950/2.2815 57.965/2.2821	62.500/2.4606 62.519/2.4614				
2T2873 STD, .10	THRUST	65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				

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23 Continued ... 23

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 4. Suits 26mm pin.</i>							
4RB4227 UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	4RB4227
		26.000/1.0236	28.521/1.1229				
PISTON PIN BUSH <i>Set of 4. Suits 27mm pin.</i>							
4RB4228 UNB		26.995/1.0628	29.500/1.1614		24.00/.945	F100	4RB4228
		27.000/1.0630	29.521/1.1622				
PISTON PIN BUSH <i>Single piece. Suits 26mm pin.</i>							
RB4227 UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4227
		26.000/1.0236	28.521/1.1229				
PISTON PIN BUSH <i>Suits 27mm pin.</i>							
RB4228 UNB		26.995/1.0628	29.500/1.1614		24.00/.945	F100	RB4228
		27.000/1.0630	29.521/1.1622				

24 Engine Year Cyl Bore x Stroke 24

OM602 Series 2497cc Inline5 SOHC 2v Diesel 04/1985 - 02/2001 L5 87.0mm x 84.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8740A STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8740A IH
		47.965/1.8884	51.619/2.0322				
MAINS							
6M2873A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				
THRUST							
2T2873 STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				
PISTON PIN BUSH <i>Set of 5. Suits 26mm pin.</i>							
5RB4227 UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	5RB4227
		26.000/1.0236	28.521/1.1229				
PISTON PIN BUSH <i>Single Piece. Suits 28mm pin.</i>							
RB4225 UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016				
PISTON PIN BUSH <i>Single piece. Suits 26mm pin.</i>							
RB4227 UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4227
		26.000/1.0236	28.521/1.1229				
PISTON PIN BUSH <i>Single piece. Suits 28mm pin.</i>							
RB4229 UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4229
		28.000/1.1024	30.525/1.2018				

25 Engine Year Cyl Bore x Stroke 25

OM602.961/962 2497cc Inline5 SOHC 2v Turbo Diesel 02/1988 - 06/1996 L5 87.0mm x 84.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8741D STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8741D U
		47.965/1.8884	51.619/2.0322				
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8741A L
		47.965/1.8884	51.619/2.0322				
CONROD							
4B8741P STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8741 IH
		47.965/1.8884	51.619/2.0322				
MAINS							
6M2873A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				
THRUST							
2T2873 STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				



25 Continued ...							25	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5RB4227 UNB	PISTON PIN BUSH	<i>Set of 5. Suits 26mm pin.</i>		25.995/1.0234	28.500/1.1220	21.90/.862	F100	5RB4227
		26.000/1.0236	28.521/1.1229					
RB4225 UNB	PISTON PIN BUSH	<i>Single Piece. Suits 28mm pin.</i>		27.995/1.1022	30.500/1.2008	21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016					
RB4227 UNB	PISTON PIN BUSH	<i>Single piece. Suits 26mm pin.</i>		25.995/1.0234	28.500/1.1220	21.90/.862	F100	RB4227
		26.000/1.0236	28.521/1.1229					
RB4229 UNB	PISTON PIN BUSH	<i>Single piece. Suits 28mm pin.</i>		27.995/1.1022	30.500/1.2008	21.90/.862	F100	RB4229
		28.000/1.1024	30.525/1.2018					

26 Engine				Year	Cyl	Bore x Stroke	26
OM602 Series 2874cc Inline5 SOHC 2v Turbo Diesel				04/1992 - On	L5	89.0mm x 92.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B8741D STD, .25, .50	CONROD	47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8741A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8741D
		47.965/1.8884	51.619/2.0322				U
5B8741P STD, .25, .50	CONROD	47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8741
		47.965/1.8884	51.619/2.0322				IH
6M2873A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A
		57.965/2.2821	62.519/2.4614				UL
2T2873 STD, .10	THRUST	65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T
		66.050/2.6004	81.000/3.1890				UL
5RB4227 UNB	PISTON PIN BUSH	<i>Set of 5. Suits 26mm pin.</i>			21.90/.862	F100	5RB4227
		25.995/1.0234	28.500/1.1220				
RB4225 UNB	PISTON PIN BUSH	<i>Single Piece. Suits 28mm pin.</i>			21.90/.862	F100	RB4225
		27.995/1.1022	30.500/1.2008				
RB4227 UNB	PISTON PIN BUSH	<i>Single piece. Suits 26mm pin.</i>			21.90/.862	F100	RB4227
		25.995/1.0234	28.500/1.1220				
RB4229 UNB	PISTON PIN BUSH	<i>Single piece. Suits 28mm pin.</i>			21.90/.862	F100	RB4229
		27.995/1.1022	30.500/1.2008				
28.000/1.1024	30.525/1.2018						

27 Engine				Year	Cyl	Bore x Stroke	27
OM602 Series 2874cc Inline5 SOHC 2v Diesel				10/1988 - On	L5	89.0mm x 92.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B8740A STD, .25, .50	CONROD	47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8740A
		47.965/1.8884	51.619/2.0322				IH
6M2873A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A
		57.965/2.2821	62.519/2.4614				UL
2T2873 STD, .10	THRUST	65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T
		66.050/2.6004	81.000/3.1890				UL

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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 5. Suits 26mm pin.</i>							
5RB4227 UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	5RB4227
		26.000/1.0236	28.521/1.1229				
PISTON PIN BUSH <i>Single Piece. Suits 28mm pin.</i>							
RB4225 UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016				
PISTON PIN BUSH <i>Single piece. Suits 26mm pin.</i>							
RB4227 UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4227
		26.000/1.0236	28.521/1.1229				
PISTON PIN BUSH <i>Single piece. Suits 28mm pin.</i>							
RB4229 UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4229
		28.000/1.1024	30.525/1.2018				

28 Engine Year Cyl Bore x Stroke 28

OM603 Series 2996cc Inline6 SOHC 2v Diesel 03/1979 - 07/1999 L6 87.0mm x 84.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8740A STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8740A IH
		47.965/1.8884	51.619/2.0322				
MAINS							
7M2873A STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				
THRUST							
2T2873 STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				
PISTON PIN BUSH <i>Set of 6. Suits 26mm pin.</i>							
6RB4227 UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	6RB4227
		26.000/1.0236	28.521/1.1229				
PISTON PIN BUSH <i>Single Piece. Suits 28mm pin.</i>							
RB4225 UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016				
PISTON PIN BUSH <i>Single piece. Suits 26mm pin.</i>							
RB4227 UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4227
		26.000/1.0236	28.521/1.1229				
PISTON PIN BUSH <i>Single piece. Suits 28mm pin.</i>							
RB4229 UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4229
		28.000/1.1024	30.525/1.2018				

29 Engine Year Cyl Bore x Stroke 29

OM603 Series 2996cc Inline6 SOHC 2v Turbo Diesel 09/1986 - 06/1995 L6 87.0mm x 84.0mm
OM603 Series 3449cc Inline6 SOHC 2v Turbo Diesel 06/1991 - 10/1998 L6 89.0mm x 92.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8741D STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8741A L
		47.965/1.8884	51.619/2.0322				
		47.950/1.8878	51.600/2.0315	1.812/.0713			
		47.965/1.8884	51.619/2.0322				
CONROD							
6B8741P STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8741 IH
		47.965/1.8884	51.619/2.0322				
MAINS							
7M2873A STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				
THRUST							
2T2873 STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				



29 Continued ... 29

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	PISTON PIN BUSH <i>Set of 6. Suits 26mm pin.</i>						
6RB4227 UNB		25.995/1.0234 26.000/1.0236	28.500/1.1220 28.521/1.1229		21.90/.862	F100	6RB4227
	PISTON PIN BUSH <i>Single Piece. Suits 28mm pin.</i>						
RB4225 UNB		27.995/1.1022 28.000/1.1024	30.500/1.2008 30.521/1.2016		21.90/.862	F100	RB4225
	PISTON PIN BUSH <i>Single piece. Suits 26mm pin.</i>						
RB4227 UNB		25.995/1.0234 26.000/1.0236	28.500/1.1220 28.521/1.1229		21.90/.862	F100	RB4227
	PISTON PIN BUSH <i>Single piece. Suits 28mm pin.</i>						
RB4229 UNB		27.995/1.1022 28.000/1.1024	30.500/1.2008 30.525/1.2018		21.90/.862	F100	RB4229

30 Engine Year Cyl Bore x Stroke 30

OM604.910/912 2155cc Inline4 DOHC 4v Diesel	08/1993 - 03/2002	L4	89.0mm x 86.6mm
OM604.915/917 1997cc Inline4 DOHC 4v Diesel	10/1996 - 03/2002	L4	87.0mm x 84.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B8740A STD, .25, .50		47.950/1.8878 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.812/.0713	21.80/.858	F810	8740A IH
	MAINS <i>Suits from 1985 on.</i>						
5M2873A STD, .25, .50, .75, 1.0	1,2,3,4,5	57.950/2.2815 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.261/.0890	17.50/.689	F810	2873A UL
	THRUST						
2T2873 STD, .10		65.800/2.5905 66.050/2.6004	80.750/3.1791 81.000/3.1890		2.20/.087	F817	2873T UL
	PISTON PIN BUSH <i>Single Piece. Suits 28mm pin.</i>						
RB4225 UNB		27.995/1.1022 28.000/1.1024	30.500/1.2008 30.521/1.2016		21.90/.862	F100	RB4225
	PISTON PIN BUSH <i>Single piece. Suits 26mm pin.</i>						
RB4226 UNB		25.995/1.0234 26.000/1.0236	28.500/1.1220 28.521/1.1229		21.90/.862	F100	RB4226

31 Engine Year Cyl Bore x Stroke 31

OM605 Series 2497cc Inline5 DOHC 4v Diesel	06/1993 - 05/2000	L5	87.0mm x 84.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
5B8740A STD, .25, .50		47.950/1.8878 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.812/.0713	21.80/.858	F810	8740A IH
	MAINS						
6M2873A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.950/2.2815 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.261/.0890	17.50/.689	F810	2873A UL
	THRUST						
2T2873 STD, .10		65.800/2.5905 66.050/2.6004	80.750/3.1791 81.000/3.1890		2.20/.087	F817	2873T UL
	PISTON PIN BUSH <i>Single Piece. Suits 28mm pin.</i>						
RB4225 UNB		27.995/1.1022 28.000/1.1024	30.500/1.2008 30.521/1.2016		21.90/.862	F100	RB4225
	PISTON PIN BUSH <i>Single piece. Suits 26mm pin.</i>						
RB4226 UNB		25.995/1.0234 26.000/1.0236	28.500/1.1220 28.521/1.1229		21.90/.862	F100	RB4226

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32 Engine		Year		Cyl	Bore x Stroke		32
OM605.960/962 2497cc Inline5 DOHC 4v Turbo Diesel		10/1995 - 03/2001		L5	87.0mm x 84.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
5B8741D STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8741A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8741D
		47.965/1.8884	51.619/2.0322				U
CONROD							
5B8741P STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8741
		47.965/1.8884	51.619/2.0322				IH
MAINS							
6M2873A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A
		57.965/2.2821	62.519/2.4614				UL
THRUST							
2T2873 STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T
		66.050/2.6004	81.000/3.1890				UL
PISTON PIN BUSH <i>Single Piece. Suits 28mm pin.</i>							
RB4225 UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016				
PISTON PIN BUSH <i>Single piece. Suits 26mm pin.</i>							
RB4226 UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4226
		26.000/1.0236	28.521/1.1229				

33 Engine		Year		Cyl	Bore x Stroke		33
OM606.910/912 2996cc Inline6 DOHC 4v Diesel		06/1993 - 06/1997		L6	87.0mm x 84.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8740A STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8740A
		47.965/1.8884	51.619/2.0322				IH
MAINS							
7M2873A STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A
		57.965/2.2821	62.519/2.4614				UL
THRUST							
2T2873 STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T
		66.050/2.6004	81.000/3.1890				UL
PISTON PIN BUSH <i>Single Piece. Suits 28mm pin.</i>							
RB4225 UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016				
PISTON PIN BUSH <i>Single piece. Suits 26mm pin.</i>							
RB4226 UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4226
		26.000/1.0236	28.521/1.1229				

34 Engine		Year		Cyl	Bore x Stroke		34
OM606 Series 2996cc Inline6 DOHC 4v Turbo Diesel		05/1996 - 07/1999		L6	87.0mm x 84.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8741D STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8741A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8741D
		47.965/1.8884	51.619/2.0322				U
CONROD							
6B8741P STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8741
		47.965/1.8884	51.619/2.0322				IH
MAINS							
7M2873A STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A
		57.965/2.2821	62.519/2.4614				UL



34 Continued ...							34
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T2873 STD, .10	THRUST	65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T
		66.050/2.6004	81.000/3.1890				UL
RB4225 UNB	PISTON PIN BUSH	<i>Single Piece. Suits 28mm pin.</i>			21.90/.862	F100	RB4225
		27.995/1.1022	30.500/1.2008				
RB4226 UNB	PISTON PIN BUSH	<i>Single piece. Suits 26mm pin.</i>			21.90/.862	F100	RB4226
		25.995/1.0234	28.500/1.1220				
		26.000/1.0236	28.521/1.1229				

35 Engine	Year	Cyl	Bore x Stroke	35
OM611 Series 2148cc Inline4 DOHC 4v Turbo Diesel	01/1999 - 10/2006	L4	88.0mm x 88.3mm	
OM611 Series 2151cc Inline4 DOHC 4v Turbo Diesel	01/1998 - 12/1998	L4	88.0mm x 88.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
1B8700D STD, .25, .50, .75	CONROD	<i>One pair only, order number of pairs required.</i>						
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A	
		47.965/1.8884	51.619/2.0322				L	
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8700D	
		47.965/1.8884	51.619/2.0322				U	
1B8700P STD, .25, .50, .75	CONROD	<i>One pair only, order number of pairs required.</i>						
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8700	
		47.965/1.8884	51.619/2.0322				U	
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A	
		47.965/1.8884	51.619/2.0322				L	
4B8700D STD, .25, .50, .75	CONROD	<i>One pair only, order number of pairs required.</i>						
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8700D	
		47.965/1.8884	51.619/2.0322				U	
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A	
		47.965/1.8884	51.619/2.0322				L	
4B8700P STD, .25, .50, .75	CONROD	<i>One pair only, order number of pairs required.</i>						
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8700	
		47.965/1.8884	51.619/2.0322				U	
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A	
		47.965/1.8884	51.619/2.0322				L	
1M8702D STD, .25	MAINS	<i>One pair only, order number of pairs required.</i>						
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A	
		57.965/2.2821	62.519/2.4614				U	
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F781	8702D	
		57.965/2.2821	62.519/2.4614				L	
1M8702P STD, .25	MAINS	<i>One pair only, order number of pairs required.</i>						
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F780	8702	
		57.965/2.2821	62.519/2.4614				L	
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A	
		57.965/2.2821	62.519/2.4614				U	
5M8702D STD, .25	MAINS	1,2,3,4,5	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F781	8702D
			57.965/2.2821	62.519/2.4614				L
		1,2,3,4,5	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
			57.965/2.2821	62.519/2.4614				U
5M8702P STD, 0.25	MAINS	1,2,3,4,5	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F780	8702
			57.965/2.2821	62.519/2.4614				L
		1,2,3,4,5	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
			57.965/2.2821	62.519/2.4614				U
2T2873 STD, .10	THRUST	65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T	
		66.050/2.6004	81.000/3.1890				UL	



35 Continued ... 35

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
4RB4211		28.992/1.1414	32.000/1.2598		32.00/1.260	F100	4RB4211
		28.997/1.1416	32.025/1.2608				

36 Engine Year Cyl Bore x Stroke 36

OM612 Series 2685cc Inline5 DOHC 4v Turbo Diesel	07/1999 - 05/2006	L5	88.0mm x 88.3mm
OM647 Series 2685cc Inline5 DOHC 4v Turbo Diesel	03/2002 - 07/2009	L5	88.0mm x 88.3mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD <i>One pair only, order number of pairs required.</i>							
1B8700D STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A L
		47.965/1.8884	51.619/2.0322				8700D U
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	
		47.965/1.8884	51.619/2.0322				
CONROD <i>One pair only, order number of pairs required.</i>							
1B8700P STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8700 U
		47.965/1.8884	51.619/2.0322				8700A L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	
		47.965/1.8884	51.619/2.0322				
CONROD							
5B8700D STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A L
		47.965/1.8884	51.619/2.0322				8700D U
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	
		47.965/1.8884	51.619/2.0322				
CONROD							
5B8700P STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A L
		47.965/1.8884	51.619/2.0322				8700 U
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	
		47.965/1.8884	51.619/2.0322				
MAINS <i>One pair only, order number of pairs required.</i>							
1M8702D STD, .25		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A U
		57.965/2.2821	62.519/2.4614				8702D L
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F781	
		57.965/2.2821	62.519/2.4614				
MAINS <i>One pair only, order number of pairs required.</i>							
1M8702P STD, .25		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F780	8702 L
		57.965/2.2821	62.519/2.4614				8702A U
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	
		57.965/2.2821	62.519/2.4614				
MAINS							
6M8702D STD, .25	1,2,3,4,5,6	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F781	8702D L
		57.965/2.2821	62.519/2.4614				8702A U
	1,2,3,4,5,6	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	
		57.965/2.2821	62.519/2.4614				
MAINS							
6M8702P STD, .25	1,2,3,4,5,6	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F780	8702 L
		57.965/2.2821	62.519/2.4614				8702A U
	1,2,3,4,5,6	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	
		57.965/2.2821	62.519/2.4614				
THRUST							
2T2873 STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T
		66.050/2.6004	81.000/3.1890				UL
PISTON PIN BUSH <i>Set of 5.</i>							
5RB4231 UNB			32.500/1.2795		21.90/.862	F100	5RB4231
			32.521/1.2804				



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37 Engine		Year		Cyl	Bore x Stroke		37
OM613 Series 322cc Inline6 DOHC 4v Turbo Diesel		06/1999 - 03/2003		L6	88.0mm x 88.3mm		
OM648 Series 322cc Inline6 DOHC 4v Turbo Diesel		09/2002 - 07/2009		L6	88.0mm x 88.3mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>One pair only, order number of pairs required.</i>							
1B8700D STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8700D
		47.965/1.8884	51.619/2.0322				U
CONROD <i>One pair only, order number of pairs required.</i>							
1B8700P STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8700
		47.965/1.8884	51.619/2.0322				U
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
CONROD							
6B8700D STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8700D
		47.965/1.8884	51.619/2.0322				U
CONROD							
6B8700P STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8700
		47.965/1.8884	51.619/2.0322				U
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
MAINS <i>One pair only, order number of pairs required.</i>							
1M8702D STD, .25		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F781	8702D
		57.965/2.2821	62.519/2.4614				L
MAINS <i>One pair only, order number of pairs required.</i>							
1M8702P STD, .25		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F780	8702
		57.965/2.2821	62.519/2.4614				L
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U
MAINS							
7M8702D STD, .25	1,2,3,4,5,6,7	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U
	1,2,3,4,5,6,7	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F781	8702D
		57.965/2.2821	62.519/2.4614				L
MAINS							
7M8702P STD, .25	1,2,3,4,5,6,7	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F780	8702
		57.965/2.2821	62.519/2.4614				L
	1,2,3,4,5,6,7	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U
THRUST							
2T2873 STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T
		66.050/2.6004	81.000/3.1890				UL
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4231 UNB			32.500/1.2795		21.90/.862	F100	6RB4231
			32.521/1.2804				

38 Engine		Year		Cyl	Bore x Stroke		38
OM615 Series 1988cc Inline4 2v Diesel		01/1968 - 12/1989		L4	87.0mm x 83.6mm		
OM615 Series 2197cc Inline4 2v Diesel		01/1968 - 12/1980		L4	87.0mm x 92.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>One oil hole in upper half.</i>							
4B2516A STD, .25, .50, .75, 1.00, 1.50		51.955/2.0455	55.600/2.1890	1.805/.0711	26.00/1.024	F810	2516A
		51.965/2.0459	55.619/2.1897				UL

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38		Continued ...						38
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B2516P STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>One oil hole in upper half.</i>		1.805/.0711	26.00/1.024	F780	2516 UL	
		51.955/2.0455	55.600/2.1890	51.965/2.0459	55.619/2.1897			
4B8736A STD, .25, .50, .75, 1.00	CONROD	<i>No hole.</i>		1.805/.0711	26.00/1.024	F810	8736A IH	
		51.955/2.0455	55.600/2.1890	51.965/2.0459	55.619/2.1897			
5M2519A STD, .25, .50, .75, 1.00, 1.25	MAINS 1,2,4,5	69.955/2.7541	74.500/2.9331	2.255/.0888	27.00/1.063	F810	2517A UL	
		69.965/2.7545	74.519/2.9338					
		3	69.955/2.7541	74.500/2.9331	2.255/.0888	33.90/1.335	F810	2519A(F) UL
5M2519P STD, .25, .50, .75, 1.00, 1.25	MAINS 1,2,4,5	69.939/2.7535	74.501/2.9331	2.256/.0888	27.00/1.063	F780	2517 UL	
		69.965/2.7545	74.519/2.9338					
		3	69.955/2.7541	74.500/2.9331	2.255/.0888	33.91/1.335	F780	2519(F) IH
5M8737A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	<i>For engines from 1979 on. Requires thrustwashers.</i>		2.255/.0888	27.00/1.063	F810	2517A UL	
		69.955/2.7541	74.500/2.9331					
		3	69.955/2.7541	74.500/2.9331	2.255/.0888	27.00/1.063	F810	8737A IH
2T8737 STD, .10, .20	THRUST	<i>For engines from 1979 on.</i>			2.20/.087	F817	8737T UL	
		78.000/3.0709	91.250/3.5925	78.250/3.0807	91.500/3.6024			
4RB4010 UNB	PISTON PIN BUSH	25.994/1.0234	29.000/1.1417	1.650/.0650	31.93/1.257	F100	4RB4010	
		26.000/1.0236	29.020/1.1425					
RB4010 UNB	PISTON PIN BUSH	25.994/1.0234	29.000/1.1417	1.650/.0650	31.93/1.257	F100	RB4010	
		26.000/1.0236	29.020/1.1425					

39		Engine	Year	Cyl	Bore x Stroke	39	
		OM616 Series 2399cc Inline4 2v Diesel	01/1975 - 04/1989	L4	90.9mm x 92.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8736A STD, .25, .50, .75, 1.00	CONROD	<i>No hole.</i>		1.805/.0711	26.00/1.024	F810	8736A IH
		51.955/2.0455	55.600/2.1890	51.965/2.0459	55.619/2.1897		
5M2519A STD, .25, .50, .75, 1.00, 1.25	MAINS 1,2,4,5	69.955/2.7541	74.500/2.9331	2.255/.0888	27.00/1.063	F810	2517A UL
		69.965/2.7545	74.519/2.9338				
		3	69.955/2.7541	74.500/2.9331	2.255/.0888	33.90/1.335	F810
5M2519P STD, .25, .50, .75, 1.00, 1.25	MAINS 1,2,4,5	69.939/2.7535	74.501/2.9331	2.256/.0888	27.00/1.063	F780	2517 UL
		69.965/2.7545	74.519/2.9338				
		3	69.955/2.7541	74.500/2.9331	2.255/.0888	33.91/1.335	F780
5M8737A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	<i>For engines from 1979 on. Requires thrustwashers.</i>		2.255/.0888	27.00/1.063	F810	2517A UL
		69.955/2.7541	74.500/2.9331				
		3	69.955/2.7541	74.500/2.9331	2.255/.0888	27.00/1.063	F810
2T8737 STD, .10, .20	THRUST	<i>For engines from 1979 on.</i>			2.20/.087	F817	8737T UL
		78.000/3.0709	91.250/3.5925	78.250/3.0807	91.500/3.6024		
4RB4010 UNB	PISTON PIN BUSH	25.994/1.0234	29.000/1.1417	1.650/.0650	31.93/1.257	F100	4RB4010
		26.000/1.0236	29.020/1.1425				



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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4010 UNB		25.994/1.0234 26.000/1.0236	29.000/1.1417 29.020/1.1425	1.650/.0650	31.93/1.257	F100	RB4010

40 Engine 40

OM617 Series 2998cc Inline5 2v Diesel Year 08/1973 - 12/1990 Cyl L5 Bore x Stroke 90.9mm x 92.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
5B8736A STD, .25, .50, .75, 1.00		51.955/2.0455 51.965/2.0459	55.600/2.1890 55.619/2.1897	1.805/.0711	26.00/1.024	F810	8736A IH
MAINS							
5M2519A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	27.00/1.063	F810	2517A UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	33.90/1.335	F810	2519A(F) UL
MAINS							
5M2519P STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	69.939/2.7535 69.965/2.7545	74.501/2.9331 74.519/2.9338	2.256/.0888	27.00/1.063	F780	2517 UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	33.91/1.335	F780	2519(F) IH
MAINS							
6M8737A STD, .25, .50, .75, 1.00	1,2,4,5,6	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	27.00/1.063	F810	2517A UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.520/2.9339	2.255/.0888	27.00/1.063	F810	8737A IH
THRUST							
2T8737 STD, .10, .20		78.000/3.0709 78.250/3.0807	91.250/3.5925 91.500/3.6024		2.20/.087	F817	8737T UL
	PISTON PIN BUSH						
RB4010 UNB		25.994/1.0234 26.000/1.0236	29.000/1.1417 29.020/1.1425	1.650/.0650	31.93/1.257	F100	RB4010

41 Engine 41

OM617 Series 2998cc Inline5 2v Turbo Diesel Year 01/1978 - 12/1985 Cyl L5 Bore x Stroke 90.9mm x 92.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
5B2515A STD, .25, .50, .75, 1.00		51.955/2.0455 51.965/2.0459	55.600/2.1890 55.619/2.1897	1.805/.0711	26.00/1.024	F810	2515A IH
CONROD							
5B2515P STD, .25, .50, .75, 1.00		51.955/2.0455 51.965/2.0459	55.600/2.1890 55.619/2.1897	1.805/.0711	26.00/1.024	F780	2515 IH
MAINS							
5M2519A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	27.00/1.063	F810	2517A UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	33.90/1.335	F810	2519A(F) UL
MAINS							
5M2519P STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	69.939/2.7535 69.965/2.7545	74.501/2.9331 74.519/2.9338	2.256/.0888	27.00/1.063	F780	2517 UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	33.91/1.335	F780	2519(F) IH
MAINS							
6M8737A STD, .25, .50, .75, 1.00	1,2,4,5,6	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	27.00/1.063	F810	2517A UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.520/2.9339	2.255/.0888	27.00/1.063	F810	8737A IH

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41 Continued ... 41

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
THRUST <i>For engines from 1979 on.</i>							
2T8737 STD, .10, .20		78.000/3.0709	91.250/3.5925		2.20/.087	F817	8737T
		78.250/3.0807	91.500/3.6024				UL

42 Engine Year Cyl Bore x Stroke 42

M121 Series 1988cc Inline4 2v	08/1965 - 02/1968	L4	87.0mm x 83.6mm
OM621 Series 1988cc Inline4 2v Diesel	01/1965 - 12/1969	L4	87.0mm x 83.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B2511P STD, 010, 020, 030, 040	CONROD	51.940/2.0449	55.600/2.1890	1.800/.0709	26.00/1.024	F780	2511
		51.960/2.0457	55.619/2.1897				IH

5M2514P STD, 010, 020, 030, 040	MAINS 1,2,4,5	69.940/2.7535	74.500/2.9331	2.260/.0890	27.00/1.063	F780	2512
		69.960/2.7543	74.519/2.9338				UL
		69.940/2.7535	74.500/2.9331	2.260/.0890	33.90/1.335	F780	2514
		69.960/2.7543	74.519/2.9338				IH

4RB4010 UNB	PISTON PIN BUSH	25.994/1.0234	29.000/1.1417	1.650/.0650	31.93/1.257	F100	4RB4010
		26.000/1.0236	29.020/1.1425				

RB4010 UNB	PISTON PIN BUSH	25.994/1.0234	29.000/1.1417	1.650/.0650	31.93/1.257	F100	RB4010
		26.000/1.0236	29.020/1.1425				

43 Engine Year Cyl Bore x Stroke 43

OM646 Series 2148cc Inline4 DOHC 4v Turbo Diesel	03/2003 - On	L4	88.0mm x 88.3mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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1B8700D STD, .25, .50, .75	CONROD	<i>One pair only, order number of pairs required.</i>					
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8700D
		47.965/1.8884	51.619/2.0322				U

1B8700P STD, .25, .50, .75	CONROD	<i>One pair only, order number of pairs required.</i>					
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8700
		47.965/1.8884	51.619/2.0322				U

4B8700D STD, .25, .50, .75	CONROD	47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8700D
		47.965/1.8884	51.619/2.0322				U

4B8700P STD, .25, .50, .75	CONROD	47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8700
		47.965/1.8884	51.619/2.0322				U
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L

1M8702D STD, .25	MAINS	<i>One pair only, order number of pairs required.</i>					
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F781	8702D
		57.965/2.2821	62.519/2.4614				L

1M8702P STD, .25	MAINS	<i>One pair only, order number of pairs required.</i>					
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F780	8702
		57.965/2.2821	62.519/2.4614				L
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U



43 Continued ...							43
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M8702D STD, .25	MAINS						
	1,2,3,4,5	57.940/2.2811 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.265/.0892	17.50/.689	F810	8702A U
	1,2,3,4,5	57.940/2.2811 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.265/.0892	17.50/.689	F781	8702D L
	MAINS						
5M8702P STD, 0.25	1,2,3,4,5	57.940/2.2811 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.265/.0892	17.50/.689	F780	8702 L
	1,2,3,4,5	57.940/2.2811 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.265/.0892	17.50/.689	F810	8702A U
	THRUST						
	2T2873 STD, .10		65.800/2.5905 66.050/2.6004	80.750/3.1791 81.000/3.1890		2.20/.087	F817
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4231 UNB			32.500/1.2795 32.521/1.2804		21.90/.862	F100	4RB4231

44 Engine				Year	Cyl	Bore x Stroke	44
OM661.911 2299cc Inline4 SOHC 2v Diesel				01/1996 - On	L4	89.0mm x 92.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8740A STD, .25, .50	CONROD						
		47.950/1.8878 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.812/.0713	21.80/.858	F810	8740A IH
5M2873A STD, .25, .50, .75, 1.0	MAINS <i>Suits from 1985 on.</i>						
	1,2,3,4,5	57.950/2.2815 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.261/.0890	17.50/.689	F810	2873A UL
2T2873 STD, .10	THRUST						
		65.800/2.5905 66.050/2.6004	80.750/3.1791 81.000/3.1890		2.20/.087	F817	2873T UL
RB4225 UNB	PISTON PIN BUSH <i>Single Piece. Suits 28mm pin.</i>						
		27.995/1.1022 28.000/1.1024	30.500/1.2008 30.521/1.2016		21.90/.862	F100	RB4225

45 Engine				Year	Cyl	Bore x Stroke	45
OM662.911 2874cc Inline5 SOHC 2v Diesel				01/1996 - On	L5	89.0mm x 92.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B8740A STD, .25, .50	CONROD						
		47.950/1.8878 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.812/.0713	21.80/.858	F810	8740A IH
6M2873A STD, .25, .50, .75, 1.00	MAINS						
	1,2,3,4,5,6	57.950/2.2815 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.261/.0890	17.50/.689	F810	2873A UL
2T2873 STD, .10	THRUST						
		65.800/2.5905 66.050/2.6004	80.750/3.1791 81.000/3.1890		2.20/.087	F817	2873T UL
RB4225 UNB	PISTON PIN BUSH <i>Single Piece. Suits 28mm pin.</i>						
		27.995/1.1022 28.000/1.1024	30.500/1.2008 30.521/1.2016		21.90/.862	F100	RB4225

46 Engine				Year	Cyl	Bore x Stroke	46
OM668 Series1689cc Inline4 DOHC 4v Turbo Diesel				07/1998 - 12/2005	L4	80.0mm x 84.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8721D STD, .25	CONROD						
			49.600/1.9528 49.616/1.9534	1.814/.0714	18.90/.744	F810	8721A L

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46 Continued ...							46
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8721D STD, .25	CONROD		49.600/1.9528	1.814/.0714	18.90/.744	F780	8721D U
			49.616/1.9534				
4B8721P STD, .25			49.600/1.9528	1.814/.0714	18.90/.744	F780	8721 UL
	MAINS						
5M8722A STD, .25	1,2,3,4,5	54.940/2.1630	59.000/2.3228	2.012/.0792	17.00/.669	F810	8722A UL
		54.965/2.1640	59.019/2.3236				
2T8722 STD	THRUST				2.20/.087	F817	8722T UL
RB4222 UNB	PISTON PIN BUSH		30.500/1.2008		18.90/.744	F100	RB4222
			30.525/1.2018				

47 Engine				Year	Cyl	Bore x Stroke	47
M160 599cc Inline3 SOHC 2v Turbo				01/1998 - 01/2007	L3	63.5mm x 63.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
3B2600P STD, .25, .50, .75		37.940/1.4937	41.600/1.6378	1.813/.0714	17.00/.669	F780	2600 IH
		37.965/1.4947	41.616/1.6384				
	MAINS						
4M2605A STD, .25	1,2,3,4	44.950/1.7697	51.000/2.0079	3.030/.1193	16.00/.630	F809	2605A UL
		44.965/1.7703	51.019/2.0086				
	THRUST						
1T2605 STD		52.500/2.0669	52.750/2.0768		3.20/.126	F817	2605T IH
		52.750/2.0768	68.500/2.6968				

48 Engine				Year	Cyl	Bore x Stroke	48
M162 3199cc Inline6 DOHC 4v				01/1996 - 12/2008	L6	89.9mm x 84.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Bearings have a slot.</i>					
6B2526P STD, .25, .50, .75, 1.00		47.950/1.8878	51.600/2.0315	1.814/.0714	21.80/.858	F780	2526 IH
		47.965/1.8884	51.619/2.0322				
	MAINS						
7M2873A STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				

49 Engine				Year	Cyl	Bore x Stroke	49
M119.960 4973cc V8 DOHC 4v				03/1989 - 08/1992	V8	96.5mm x 85.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Suits engines from 1981 on.</i>					
8B8705P STD, .25		47.945/1.8876	51.600/2.0315	1.810/.0713	22.00/.866	F780	8705 IH
		47.965/1.8884	51.619/2.0322				
	MAINS						
5M8708P STD, .25, .50		63.955/2.5179	68.500/2.6968	2.254/.0887	21.00/.827	F780	8708 UL
		63.965/2.5183	68.519/2.6976				
		63.955/2.5179	68.500/2.6968	2.254/.0887	26.90/1.059	F780	8709(F) UL
		63.965/2.5183	68.519/2.6976				



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50 Engine		Year		Cyl	Bore x Stroke		50
M180 Series 2306cc Inline6 2v		08/1965 - 11/1976		L6	82.0mm x 72.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2876P STD, .25, .50		47.955/1.8880	51.600/2.0315	1.803/.0710	24.10/.949	F780	2876 IH
		47.965/1.8884	51.619/2.0322				
CONROD <i>Was 6B2870P.</i>							
6B8734P STD, .25, .50		47.940/1.8874	51.600/2.0315	1.803/.0710	24.10/.949	F780	8734 UL
		47.960/1.8882	51.619/2.0322				
MAINS							
4M2878P STD, .25, .50	1,2,4	59.955/2.3604	67.000/2.6378	3.502/.1379	24.10/.949	F780	1042 UL
		59.965/2.3608	67.019/2.6385				
	3	59.955/2.3604	67.000/2.6378	3.502/.1379	29.90/1.177	F780	2878(F) UL
		59.965/2.3608	67.019/2.6385				
51 Engine		Year		Cyl	Bore x Stroke		51
M136 Series 1767cc Inline4 2v		01/1949 - 12/1957		L4	75.0mm x 100.0mm		
OM636 Series 1767cc Inline4 2v Diesel		01/1949 - 12/1961		L4	75.0mm x 100.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1037P STD, 010, 020, 030, 040		49.940/1.9661	54.000/2.1260	2.006/.0790	28.10/1.106	F780	1037 IH
		49.960/1.9669	54.019/2.1267				
MAINS <i>Was 3M1038P.</i>							
3M8727P STD, 010, 020, 030, 040	1	54.940/2.1630	59.500/2.3425	2.260/.0890	29.10/1.146	F780	8727 IH
		54.960/2.1638	59.520/2.3433				
	2	54.940/2.1630	59.500/2.3425	2.260/.0890	36.95/1.455	F780	8728(F) IH
	3	54.940/2.1630	59.500/2.3425	2.260/.0890	37.10/1.461	F780	8729 UL
		54.960/2.1638	59.520/2.3433				
52 Engine		Year		Cyl	Bore x Stroke		52
M189 Series 2996cc Inline6 2v		01/1961 - 12/1967		L6	85.0mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8730P STD, .25		51.951/2.0453	55.600/2.1890	1.803/.0710	26.00/1.024	F780	8730 IH
		51.968/2.0460	55.619/2.1897				
MAINS							
7M8732P STD, .25	1,2,3,5,6,7	59.950/2.3602	64.000/2.5197	2.006/.0790	22.00/.866	F780	8732 UL
		59.970/2.3610	64.019/2.5204				
	4	59.950/2.3602	64.000/2.5197	2.006/.0790	27.90/1.098	F780	8733(F) UL
		59.970/2.3610	64.019/2.5204				
53 Engine		Year		Cyl	Bore x Stroke		53
M123.920/921 2525cc Inline6 2v		01/1976 - 07/1985		L6	86.0mm x 72.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2510P STD, .25, .50, .75, 1.00		47.955/1.8880	51.600/2.0315	1.810/.0713	22.00/.866	F780	2510 IH
		47.965/1.8884	51.619/2.0322				
MAINS							
4M2887A STD, .25, .50	1,3,4	59.955/2.3604	67.000/2.6378	3.505/.1380	22.50/.886	F810	2887A UL
		59.965/2.3608	67.019/2.6385				
	2	59.955/2.3604	67.000/2.6378	3.505/.1380	28.90/1.138	F810	2889A(F) UL
		59.965/2.3608	67.019/2.6385				
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4214 UNB			26.000/1.0236		27.60/1.087	F100	6RB4214
			26.021/1.0244				

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54	Engine	Year	Cyl	Bore x Stroke	54
	M113 Series 4266cc V8 SOHC 3v	06/1997 - 08/2005	V8	89.9mm x 84.0mm	
	M113 Series 4966cc V8 SOHC 3v	04/1998 - 01/2012	V8	97.0mm x 84.0mm	
	M113 Series 5439cc V8 SOHC 3v	08/1997 - 01/2012	V8	97.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B8724P STD, .20	CONROD	51.940/2.0449	55.600/2.1890	1.814/.0714	19.60/.772	F780	8724 IH
		51.965/2.0459	55.614/2.1895				
5M8725A STD, .20	MAINS 1,2,3,4,5	63.940/2.5173	68.500/2.6968	2.263/.0891	19.00/.748	F810	8725A UL
		63.965/2.5183	68.519/2.6976				

55	Engine	Year	Cyl	Bore x Stroke	55
	OM314 3782cc Inline4 2v Diesel	01/1966 - 12/1989	L4	97.0mm x 128.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1B8241 STD, .005, .010, .020, .030, .040	CONROD	31.984/1.2592	35.000/1.3780	1.486/.0585	17.01/.670	F23	8241 UL
		31.999/1.2598	35.016/1.3786				
4B2865A STD, .25, .50, .75, 1.00	CONROD	<i>29.40 mm wide version.</i>		2.472/.0973	29.40/1.158	F810	2865A IH
		59.995/2.3620	65.000/2.5591				
4B2866P STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>32.10 mm wide version.</i>		2.471/.0973	32.10/1.264	F780	2866 IH
		59.990/2.3618	65.000/2.5591				
5M2867P STD, .25, .50, .75, 1.00, 1.5	MAINS 1,3,4,5	<i>Has Std width flanges.</i>		2.477/.0975	24.13/.950	F780	2867 UL
		87.990/3.4642	93.000/3.6614				
		88.010/3.4650	93.022/3.6623				
5M2869P STD, .25, .50, .75	MAINS 2	<i>Set has overwidth flanges on undersizes: Std=Std, 0.25/0.50/0.75/1.00mm=Std+1.00mm.</i>		2.477/.0975	31.81/1.252	F780	2868(F) UL
		87.991/3.4642	93.000/3.6614				
		88.011/3.4650	93.022/3.6623				
RB4020 UNB	PISTON PIN BUSH		39.000/1.5354	1.760/.0693	34.42/1.355	F100	RB4020
			39.024/1.5364				



Mini

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
W10B16 1598cc Inline4 SOHC 4v	06/2001 - 03/2009	L4	1598	97	1
W11B16 1598cc Inline4 SOHC 4v S/charged	03/2002 - 03/2009	L4	1598	97	2

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1	Engine	Year	Cyl	Bore x Stroke	1
	W10B16 1598cc Inline4 SOHC 4v	06/2001 - 03/2009	L4	77.0mm x 85.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2903A STD, .25, .50		43.992/1.7320	47.000/1.8504	1.490/.0587	16.25/.640	F810	2903A
		44.008/1.7326	47.020/1.8512				IH
RACE SERIES 4B2903H STD, .025, .25	CONROD	43.992/1.7320	47.000/1.8504	1.489/.0586	16.25/.640	F781	2903H
		44.008/1.7326	47.020/1.8512				IH
RACE SERIES 4B2903HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.476/.0581	16.25/.640	F781	2903HX
		43.992/1.7320	47.000/1.8504				IH
		44.008/1.7326	47.020/1.8512				IH
MAINS							
5M2918A STD, .25, .50	1,2,3,4,5	47.930/1.8870	52.000/2.0472	1.985/.0781	18.90/.744	F810	2918A
		48.006/1.8900	52.020/2.0480				L
	1,2,4,5	47.930/1.8870	52.000/2.0472	1.985/.0781	18.90/.744	F810	2918A
		48.006/1.8900	52.020/2.0480				U
	3	47.930/1.8870	52.000/2.0472	1.985/.0781	25.64/1.009	F810	2919A(F)
		48.006/1.8900	52.020/2.0480				U

2	Engine	Year	Cyl	Bore x Stroke	2
	W11B16 1598cc Inline4 SOHC 4v S/charged	03/2002 - 03/2009	L4	77.0mm x 85.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
RACE SERIES 4B2902H STD, .025, .25		45.992/1.8107	49.000/1.9291	1.489/.0586	17.25/.679	F781	2902H
		46.008/1.8113	49.020/1.9299				IH
RACE SERIES 4B2902HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.476/.0581	17.25/.679	F781	2902HX
		45.992/1.8107	49.000/1.9291				IH
		46.008/1.8113	49.020/1.9299				IH



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
2G23 546cc Inline2 SOHC 2v	03/1977 - 08/1982	L2	546	33	21
G23B 546cc Inline2 SOHC 2v	07/1978 - 05/1987	L2	546	33	22
3G81 548cc Inline3 SOHC 2v	01/1987 - 12/1991	L3	548	33	24
2G24 644cc Inline2 SOHC 2v	08/1982 - 12/1983	L2	644	39	21
3G83 657cc Inline3 SOHC 2v	01/1990 - On	L3	657	40	24
4G81 731cc Inline4 SOHC 2v	01/1987 - 12/1991	L4	731	44	25
2G25 783cc Inline2 SOHC 2v	01/1984 - 11/1988	L2	783	47	23
3G82 796cc Inline3 SOHC 2v	01/1987 - 11/1988	L3	796	48	24
4G83 876cc Inline4 SOHC 2v	01/1990 - On	L4	876	53	25
KE43 977cc Inline4 SOHC 2v	09/1964 - 02/1971	L4	977	59	13
4G82 1061cc Inline4 SOHC 2v	01/1987 - 12/1988	L4	1061	64	25
KE44 1088cc Inline4 SOHC 2v	03/1967 - 02/1971	L4	1088	66	13
4G42 1187cc Inline4 SOHC 2v	10/1971 - 04/1979	L4	1187	72	13
KE46 1189cc Inline4 SOHC 2v	12/1967 - 12/1970	L4	1189	72	13
4G36 1238cc Inline4 SOHC 2v	12/1975 - 02/1979	L4	1238	75	18
4G11 1244cc Inline4 SOHC 2v	12/1977 - 12/1982	L4	1244	75	51
G11B 1244cc Inline4 SOHC 2v	12/1977 - 12/1982	L4	1244	75	10
4G30 1289cc Inline4 SOHC 2v	12/1969 - 01/1973	L4	1289	78	18
4G13 1298cc Inline4 SOHC 2v	05/1986 - On	L4	1298	79	11
G13B 1298cc Inline4 SOHC 2v	01/1983 - 12/1991	L4	1298	79	11
4A90 1332cc Inline4 DOHC 4v	01/2004 - On	L4	1332	81	20
4G17 1343cc Inline4 SOHC 2v	01/1991 - On	L4	1343	81	4
4G41 1378cc Inline4 SOHC 2v	12/1971 - 05/1979	L4	1378	84	13
4G12 1410cc Inline4 SOHC 2v	03/1976 - 12/1981	L4	1410	86	10
G12B 1410cc Inline4 SOHC 2v	12/1977 - 05/1988	L4	1410	86	10
4G33 1439cc Inline4 SOHC Belt 2v	07/1977 - 05/1990	L4	1439	87	18
4G33 1439cc Inline4 SOHC Chain 2v	01/1972 - 12/1981	L4	1439	87	18
G33B 1439cc Inline4 SOHC 2v	01/1977 - 12/1988	L4	1439	87	12
4G15 1468cc Inline4 DOHC 4v	08/2004 - On	L4	1468	89	4
4G15 1468cc Inline4 SOHC 3v	01/1986 - On	L4	1468	89	11
G15B 1468cc Inline4 SOHC 3v	10/1983 - 12/1992	L4	1468	89	11
4G91 1496cc Inline4 DOHC 4v	08/1991 - On	L4	1496	91	43
4G15 1468cc Inline4 SOHC 2v	10/1986 - 07/1990	L4	1498	91	11
4A91 1499cc Inline4 DOHC 4v	01/2004 - On	L4	1499	91	20
4G31 1499cc Inline4 SOHC 2v	12/1969 - 01/1974	L4	1499	91	18
G31B 1499cc Inline4 SOHC 2v	01/1969 - 12/1974	L4	1499	91	12
4G61 1596cc Inline4 DOHC 4v	01/1990 - 12/1992	L4	1596	97	18
4G32 1597cc Inline4 SOHC Belt 2v	10/1977 - 12/1990	L4	1597	97	29
4G32 1597cc Inline4 SOHC Chain 2v	01/1970 - 12/1979	L4	1597	97	29
4G61T 1597cc Inline4 DOHC 4v Turbo	01/1989 - 12/1989	L4	1597	97	18
4G92 1597cc Inline4 SOHC/DOHC 4v	09/1992 - 12/2008	L4	1597	97	44
4G92 MIVEC 1597cc Inline4 DOHC 4v	08/1991 - On	L4	1597	97	19
G32B 1597cc Inline4 SOHC 2v	01/1977 - 12/1990	L4	1597	97	32
4G35 1686cc Inline4 SOHC 2v	12/1972 - 12/1977	L4	1686	102	18
4G37 1755cc Inline4 SOHC 2v	07/1984 - 12/1991	L4	1755	107	18
G37B 1755cc Inline4 SOHC 2v	05/1984 - 07/1989	L4	1755	107	12
4D65 1795cc Inline4 SOHC 2v Diesel	03/1983 - 09/1991	L4	1795	109	8
4D65-T 1795cc Inline4 SOHC 2v Turbo Diesel	03/1983 - 09/1991	L4	1795	109	8
4G62 1795cc Inline4 SOHC 2v	01/1980 - 02/1988	L4	1795	109	34
G62B 1795cc Inline4 SOHC 2v	01/1980 - 04/1987	L4	1795	109	34
G62BT 1795cc Inline4 SOHC 2v Turbo	01/1982 - 12/1989	L4	1795	109	34
4B10 1798cc Inline4 DOHC 4v	01/2007 - On	L4	1798	109	6
4G93 1834cc Inline4 DOHC 4v	01/1992 - 12/2005	L4	1834	111	43
4G93 1834cc Inline4 SOHC 4v	08/1991 - 02/2003	L4	1834	111	44
4G93P 1834cc Inline4 SOHC 4v	10/1997 - On	L4	1834	111	44
4G93T 1834cc Inline4 DOHC 4v Turbo	08/1991 - 12/1996	L4	1834	111	43
4G51 1855cc Inline4 SOHC 2v	01/1974 - 12/1979	L4	1855	113	14
G51B 1855cc Inline4 SOHC 2v	06/1973 - 02/1978	L4	1855	113	14

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
4G52 1995cc Inline4 SOHC 2v	01/1976 - 09/1984	L4	1995	121	30
G52B 1995cc Inline4 SOHC 2v	11/1977 - 12/1987	L4	1995	121	30
4G63 1997cc Inline4 DOHC 4v	01/1989 - 12/1994	L4	1997	121	52
4G63 1997cc Inline4 SOHC 2v	01/1982 - 08/2003	L4	1997	121	47
4G63 1997cc Inline4 SOHC 4v	01/1993 - 09/2007	L4	1997	121	41
4G63-T 1997cc Inline4 DOHC 4v Turbo	05/1989 - 10/2007	L4	1997	121	53
4G63T 1997cc Inline4 SOHC 2v Turbo	01/1982 - 12/1989	L4	1997	121	34
G63B 1997cc Inline4 SOHC 2v	12/1980 - 01/1993	L4	1997	121	35
G63B 1997cc Inline4 SOHC 4v	01/1989 - 03/1993	L4	1997	121	31
G63BT 1997cc Inline4 SOHC 2v Turbo	01/1980 - 04/1992	L4	1997	121	35
4B11 1998cc Inline4 DOHC 4v	09/2007 - On	L4	1998	121	6
4B11T 1998cc Inline4 DOHC 4v Turbo	10/2007 - On	L4	1998	121	7
4D68 1998cc Inline4 SOHC 2v Diesel	01/1992 - 12/2002	L4	1998	121	49
6A12 1998cc V6 SOHC 4v	01/1993 - 12/1996	V6	1998	121	28
6A12G 1998cc V6 DOHC 4v MIVEC	03/1993 - On	V6	1998	121	28
6G71 1998cc V6 SOHC 2v	07/1986 - 12/1996	V6	1998	121	17
4G94 1999cc Inline4 SOHC 4v	07/2002 - On	L4	1999	121	26
4D55 2346cc Inline4 OHV 2v Diesel	10/1982 - 12/1988	L4	2346	143	48
4D55 2346cc Inline4 OHV 2v Turbo Diesel	01/1983 - 12/1988	L4	2346	143	48
4G64 2351cc Inline4 DOHC 4v	01/1993 - 11/1998	L4	2351	143	41
4G64 2351cc Inline4 SOHC 2v	01/1986 - 10/1997	L4	2351	143	42
4G64-S4 2351cc Inline4 SOHC 4v	08/1992 - On	L4	2351	143	41
G64B 2351cc Inline4 SOHC 2v	01/1985 - 12/1989	L4	2351	143	31
4B12 2359cc Inline4 DOHC 4v	01/2005 - On	L4	2359	143	6
4G69 2378cc Inline4 SOHC 4v	05/2004 - On	L4	2378	145	54
4G53 2384cc Inline4 SOHC 2v	01/1974 - 01/1985	L4	2384	145	30
4D56 2476cc Inline4 OHV 2v Diesel	04/1986 - On	L4	2476	151	48
4D56-T 2476cc Inline4 SOHC 2v Turbo Diesel	12/1986 - 12/1993	L4	2476	151	48
4D56-Ti 2476cc Inline4 DOHC 4v Turbo Diesel	01/2006 - On	L4	2476	151	3
6G73 2497cc V6 SOHC 4v	01/1995 - 12/2002	V6	2497	152	2
4G54 2555cc Inline4 SOHC 2v	11/1975 - 09/1990	L4	2555	155	30
G54B 2555cc Inline4 SOHC 2v	08/1978 - 03/1997	L4	2555	155	33
4DR5 2659cc Inline4 OHV 2v Diesel	07/1970 - 08/1991	L4	2659	162	50
4DR6-T 2659cc Inline4 OHV 2v Turbo Diesel	01/1986 - On	L4	2659	162	9
4DR7 2835cc Inline4 OHV 2v Diesel	01/1989 - On	L4	2835	173	9
4M40 2835cc Inline4 SOHC Belt 2v Diesel	01/1993 - On	L4	2835	173	45
4M40 2835cc Inline4 SOHC Chain 2v Diesel	01/1993 - 12/1998	L4	2835	173	45
4M40T 2835cc Inline4 SOHC Belt 2v Turbo Diesel	12/1993 - 05/2002	L4	2835	173	45
4M40T 2835cc Inline4 SOHC Chain 2v Turbo Diesel	11/1996 - 07/2006	L4	2835	173	45
6G72 2972cc V6 DOHC 4v	01/1992 - 12/2003	V6	2972	181	2
6G72 2972cc V6 SOHC 2v/4v	09/1988 - 12/2007	V6	2972	181	2
6G72T 2972cc V6 DOHC 4v Turbo	01/1990 - 12/2001	V6	2972	181	2
4M41 3200cc Inline4 DOHC 4v Turbo Diesel	08/1999 - On	L4	3200	195	27
4D30 3298cc Inline4 OHV 2v Diesel	08/1978 - 12/1986	L4	3298	201	5
4D30A 3298cc Inline4 OHV 2v Diesel	11/1978 - 12/1986	L4	3298	201	5
4D31 3298cc Inline4 OHV 2v Diesel	10/1982 - 08/1991	L4	3298	201	38
4D31 3298cc Inline4 OHV 2v Turbo Diesel	01/1982 - 01/1991	L4	3298	201	38
4D31A 3298cc Inline4 OHV 2v Diesel	10/1982 - 08/1991	L4	3298	201	38
4D31A 3298cc Inline4 OHV 2v Turbo Diesel	10/1982 - 08/1991	L4	3298	201	38
4D32A 3298cc Inline4 OHV 2v Diesel	10/1985 - 01/1991	L4	3298	201	39
4D33A 3298cc Inline4 OHV 2v Diesel	10/1985 - 11/1997	L4	3298	201	46
6G74 3497cc V6 DOHC 4v	12/1993 - 05/2000	V6	3497	213	36
6G74 3497cc V6 SOHC 4v	10/1996 - On	V6	3497	213	36
6G75 3828cc V6 SOHC 4v	09/2003 - On	V6	3828	233	36
4D34 3907cc Inline4 OHV 2v Diesel	01/1991 - 07/1996	L4	3907	238	37
4D34-T 3907cc Inline4 OHV 2v Turbo Dies	08/1991 - On	L4	3907	238	40
4D35 4561cc Inline4 OHV 2v Diesel	01/1993 - On	L4	4561	278	46
6DS1 4678cc Inline6 2v Diesel	01/1964 - 07/1972	L6	4678	285	16



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
6DS10 4678cc Inline6 2v Diesel	01/1966 - 07/1972	L6	4678	285	16
6DS5 4978cc Inline6 2v Diesel	04/1970 - 10/1972	L6	4978	303	16
6DS50 4978cc Inline6 2v Diesel	04/1970 - 03/1976	L6	4978	303	16
6DS3 5103cc Inline6 2v Diesel	07/1972 - 12/1974	L6	5103	311	16
6DS30 5103cc Inline6 2v Diesel	07/1972 - 12/1977	L6	5103	311	16
6DS7 5430cc Inline6 2v Diesel	10/1972 - 07/1978	L6	5430	331	16
6DS70 5430cc Inline6 2v Diesel	10/1972 - 09/1985	L6	5430	331	16
6D10 5974cc Inline6 2v Diesel	01/1974 - 12/1979	L6	5974	364	1
6D14 6557cc Inline6 2v Diesel	01/1976 - 12/1982	L6	6557	400	1
6D14-T 6557cc Inline6 2v Turbo Diesel	04/1976 - 05/1992	L6	6557	400	1
6D11 6754cc Inline6 2v Diesel	01/1974 - 12/1979	L6	6754	412	1
6D15 6919cc Inline6 2v Diesel	01/1979 - 03/1987	L6	6919	422	1
6M60 7.5L Inline6 SOHC 4v Turbo Diesel	01/2007 - On	L6	7500	457	1
6D16 7545cc Inline6 2v Diesel	01/1985 - 12/1991	L6	7545	460	1
6D16-T 7545cc Inline6 2v Turbo Diesel	01/1987 - On	L6	7545	460	15
6D17 8201cc Inline6 2v Diesel	01/1991 - On	L6	8201	500	15

1	Engine	Year	Cyl	Bore x Stroke	1
	6D10 5974cc Inline6 2v Diesel	01/1974 - 12/1979	L6	105.0mm x 115.0mm	
	6D11 6754cc Inline6 2v Diesel	01/1974 - 12/1979	L6	130.0mm x 105.0mm	
	6D14 6557cc Inline6 2v Diesel	01/1976 - 12/1982	L6	110.0mm x 115.0mm	
	6D14-T 6557cc Inline6 2v Turbo Diesel	04/1976 - 05/1992	L6	110.0mm x 115.0mm	
	6D15 6919cc Inline6 2v Diesel	01/1979 - 03/1987	L6	113.0mm x 115.0mm	
	6D16 7545cc Inline6 2v Diesel	01/1985 - 12/1991	L6	118.0mm x 115.0mm	
	6M60 7.5L Inline6 SOHC 4v Turbo Diesel	01/2007 - On	L6	118.0mm x 115.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Oil hole opposite notch.</i>					
6B1230P STD, .25, .50, .75, 1.00, 1.25		64.920/2.5559 64.940/2.5567	69.000/2.7165 69.020/2.7173	2.000/.0787	34.13/1.344	F780	1230 UL
	MAINS	<i>Thrust washers to be used with this set.</i>					
7M1232P STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5,6,7	79.940/3.1472 79.955/3.1478	85.000/3.3465 85.020/3.3472	2.500/.0984	28.13/1.107	F780	1232 UL
	THRUST	<i>110mm O.D.</i>					
3T1232 STD			110.000/4.3307		2.45/.096	F250	1232T

2	Engine	Year	Cyl	Bore x Stroke	2
	6G72 2972cc V6 DOHC 4v	01/1992 - 12/2003	V6	91.1mm x 76.0mm	
	6G72 2972cc V6 SOHC 2v/4v	09/1988 - 12/2007	V6	91.1mm x 76.0mm	
	6G72T 2972cc V6 DOHC 4v Turbo	01/1990 - 12/2001	V6	91.1mm x 76.0mm	
	6G73 2497cc V6 SOHC 4v	01/1995 - 12/2002	V6	83.5mm x 76.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
6B1140A STD, .25, .50, .75, 1.00		49.980/1.9677 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.491/.0587	15.50/.610	F810	1140A IH
RACE SERIES 6B1140H STD, .025, .25	CONROD	49.980/1.9677 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.491/.0587	15.50/.610	F781	1140H IH
RACE SERIES 6B1140HX STD	CONROD	49.980/1.9677 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.478/.0582	15.50/.610	F781	1140HX IH
	MAINS						
4M1149A STD, .25, .50, .75, 1.00	1,2,3,4	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.991/.0784	18.13/.714	F810	1149A UL
RACE SERIES 4M1149H STD, .025, .25	MAINS 1,2,3,4	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.988/.0783	18.13/.714	F780	1149H UL
RACE SERIES 4M1149HX STD	MAINS 1,2,3,4	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.975/.0778	18.13/.714	F780	1149HX UL
	THRUST						
2T1149 STD		66.250/2.6083 66.500/2.6181	77.450/3.0492 77.700/3.0590		1.98/.078	F817	1149T UL

3	Engine	Year	Cyl	Bore x Stroke	3
	4D56-Ti 2476cc Inline4 DOHC 4v Turbo Diesel	01/2006 - On	L4	91.1mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>To suit 56mm housing.</i>					
4B8575A STD, .25				1.493/.0588	25.13/.989	F810	8575A IH
	CONROD	<i>To suit 60mm housing.</i>					
4B8576A STD, .25			60.000/2.3622 60.020/2.3630	1.493/.0588	25.10/.988	F810	8576A IH



3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1227A STD, .25, .50, .75, 1.00	1,2,3,4,5	MAINS <i>Uses separate thrust washers.</i>					
		65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	25.13/.989	F810	1137A UL
1T1227 STD		THRUST					
		72.000/2.8346 72.250/2.8445	89.700/3.5315 89.750/3.5335		2.50/.098	F817	1227T IH
2BS8559A STD	1,2	BALANCE					
		42.980/1.6921 43.000/1.6929	46.000/1.8110 46.050/1.8130	1.480/.0583	20.00/.787	F820	8559A
4RB4296 UNB		PISTON PIN BUSH <i>Tapered Bush. Set of 4.</i>					
			35.000/1.3780	1.700/.0669	38.00/1.496	F100	4RB4296
RB4296 UNB		PISTON PIN BUSH <i>Tapered Bush.</i>					
			35.000/1.3780	1.700/.0669	38.00/1.496	F100	RB4296

4 Engine				Year	Cyl	Bore x Stroke	4
4G15 1468cc Inline4 DOHC 4v				08/2004 - On	L4	75.5mm x 82.0mm	
4G17 1343cc Inline4 SOHC 2v				01/1991 - On	L4	72.2mm x 82.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1130A STD, .25, .50, .75, 1.00, 1.25		CONROD <i>15.5mm wide.</i>					
		41.981/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/.0588	15.65/.616	F810	1130A IH
5M1124A STD, .25, .50, .75, 1.00	1,2,4,5	MAINS <i>Half groove.</i>					
		47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	19.13/.753	F810	1124A UL
	3	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	23.95/.943	F810	1125A(F) IH

5 Engine				Year	Cyl	Bore x Stroke	5
4D30 3298cc Inline4 OHV 2v Diesel				08/1978 - 12/1986	L4	100.0mm x 105.0mm	
4D30A 3298cc Inline4 OHV 2v Diesel				11/1978 - 12/1986	L4	100.0mm x 105.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1535P STD, .25, .50, .75, 1.00, 1.25		CONROD <i>Oil slot in upper shell, plain lower shell.</i>					
		59.944/2.3600 59.964/2.3608	63.998/2.5196 64.018/2.5204	2.000/.0787	33.14/1.305	F780	1535 U
		59.944/2.3600 59.964/2.3608	63.998/2.5196 64.018/2.5204	2.000/.0787	33.14/1.305	F780	1536 L
		MAINS <i>Slot opposite notch in the upper shell, plain lower.</i>					
5M1198P STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	77.936/3.0683 77.950/3.0689	82.000/3.2283 82.022/3.2292	2.007/.0790	27.13/1.068	F780	1198 UL
		MAINS <i>Slot towards the crown in the upper shell, plain lower.</i>					
5M1199P STD, .25, .50, .75, 1.00	1,2,3,4,5	77.936/3.0683 77.950/3.0689	82.000/3.2283 82.022/3.2292	2.007/.0790	27.00/1.063	F780	1199 UL
		THRUST <i>103.50mm O.D.</i>					
3T1199 STD		85.500/3.3661 85.750/3.3760	103.250/4.0650 103.500/4.0748		2.45/.096	F250	1199T IH
		PISTON PIN BUSH <i>Set of 4.</i>					
4RB4069 UNB		34.000/1.3386 34.000/1.3386	37.000/1.4567 37.000/1.4567	1.640/.0646	39.00/1.535	F100	4RB4069



6	Engine	Year	Cyl	Bore x Stroke	6
	4B10 1798cc Inline4 DOHC 4v	01/2007 - On	L4	86.0mm x 77.4mm	
	4B11 1998cc Inline4 DOHC 4v	09/2007 - On	L4	86.0mm x 86.0mm	
	4B12 2359cc Inline4 DOHC 4v	01/2005 - On	L4	88.0mm x 97.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B7190A STD, .25, .50		51.973/2.0462 51.988/2.0468	50.998/2.0078 51.013/2.0084	1.504/.0592	17.52/.690	F810	7190A IH
	MAINS						
5M7191A STD, .25, .50	1,2,3,4,5	51.973/2.0462 51.986/2.0467	55.999/2.2047 56.017/2.2054	1.999/.0787	18.00/.709	F810	7191A UL
	THRUST	<i>Use in position #3.</i>					
1T7191 STD		58.000/2.2835			1.95/.077	F817	7191T UL

7	Engine	Year	Cyl	Bore x Stroke	7
	4B11T 1998cc Inline4 DOHC 4v Turbo	10/2007 - On	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	RACE SERIES						
4B1236H STD, .025, .25	CONROD	51.954/2.0454 51.972/2.0461	55.000/2.1654 55.010/2.1657	1.500/.0591	17.00/.669	F781	1236H IH
	RACE SERIES	<i>0.001" extra oil clearance on STD journal.</i>					
4B1236HX STD	CONROD	51.954/2.0454 51.972/2.0461	55.000/2.1654 55.010/2.1657	1.487/.0585	17.00/.669	F781	1236HX IH
	RACE SERIES						
5M1237H STD, .025, .25	MAINS	51.973/2.0462 51.985/2.0466	56.000/2.2047 56.018/2.2054	1.996/.0786	18.00/.709	F780	1237H UL
	RACE SERIES						
5M1237HX STD	MAINS	51.973/2.0462 51.985/2.0466	56.000/2.2047 56.018/2.2054	1.983/.0781	18.00/.709	F780	1237HX UL
	THRUST						
1T1237 STD		58.000/2.2835 58.250/2.2933	77.000/3.0315 77.250/3.0413		1.96/.077	F817	1237T IH
	THRUST						
1T1237P STD		58.000/2.2835 58.250/2.2933	77.000/3.0315 77.250/3.0413		1.96/.077	F780	1237PT IH

8	Engine	Year	Cyl	Bore x Stroke	8
	4D65 1795cc Inline4 SOHC 2v Diesel	03/1983 - 09/1991	L4	80.6mm x 88.0mm	
	4D65-T 1795cc Inline4 SOHC 2v Turbo Diesel	03/1983 - 09/1991	L4	80.6mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>23.5 mm wide.</i>					
4B1146A STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH
	RACE SERIES						
4B1146H STD, .025, .25	CONROD	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.489/.0586	23.50/.925	F781	1146H IH
	RACE SERIES						
4B1146HX STD	CONROD	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH
	MAINS	<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>					
5M1144A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH



8 Continued ...							8
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES		MAINS <i>Standard width flanges for all undersizes.</i>					
5M1144H STD, .025, .25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1144H L
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH
	<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>						
RACE SERIES		MAINS					
5M1144HX STD	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH
	<i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>						
5M1147A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH
MAINS		<i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>					
5M1217A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1217A(F) IH
MAINS		<i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>					
5M1238A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1238A(F) IH
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4297 UNB			28.000/1.1024	1.750/.0689	28.50/1.122	F100	4RB4297
PISTON PIN BUSH			28.000/1.1024	1.750/.0689	28.50/1.122	F100	RB4297

9 Engine		Year	Cyl	Bore x Stroke	9			
4DR6-T 2659cc Inline4 OHV 2v Turbo Diesel		01/1986 - On	L4	92.0mm x 100.0mm				
4DR7 2835cc Inline4 OHV 2v Diesel		01/1989 - On	L4	95.0mm x 100.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD		<i>Has a slot in the upper shell.</i>						
4B1190P STD, .25, .50, .75		57.945/2.2813 57.956/2.2817	62.000/2.4409 62.020/2.4417	1.999/.0787	32.38/1.275	F780	1196 L	
		57.945/2.2813 57.965/2.2821	62.000/2.4409 62.020/2.4417	1.999/.0787	32.38/1.275	F780	1190 U	
	MAINS							
	5M1197P STD, .25, .50, .75, 1.00	1,2,3,4,5	69.935/2.7533 69.955/2.7541	74.000/2.9134 74.019/2.9141	1.994/.0785	28.19/1.110	F780	1197 UL
THRUST								
3T1197 STD	5		95.000/3.7402		2.45/.097	F250	1197T IH	

10	Engine	Year	Cyl	Bore x Stroke	10
	4G12 1410cc Inline4 SOHC 2v	03/1976 - 12/1981	L4	74.0mm x 82.0mm	
	G11B 1244cc Inline4 SOHC 2v	12/1977 - 12/1982	L4	69.5mm x 82.0mm	
	G12B 1410cc Inline4 SOHC 2v	12/1977 - 05/1988	L4	74.0mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>17.6mm wide.</i>					
4B1736A STD, .25, .50, .75, 1.00		41.980/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/.0588	17.63/.694	F810	1736A IH
	MAINS	<i>Half groove.</i>					
5M1124A STD, .25, .50, .75, 1.00	1,2,4,5	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	19.13/.753	F810	1124A UL
	3	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	23.95/.943	F810	1125A(F) IH
	MAINS	<i>Full groove version of 5M1124A.</i>					
5M1737A STD, .25, .50, .75, 1.00	1,2,4,5	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	19.13/.753	F810	1737A IH
	3	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	23.95/.943	F810	1738A(F) IH

11	Engine	Year	Cyl	Bore x Stroke	11
	4G13 1298cc Inline4 SOHC 2v	05/1986 - On	L4	71.0mm x 82.0mm	
	4G15 1468cc Inline4 SOHC 2v	10/1986 - 07/1990	L4	75.5mm x 82.0mm	
	4G15 1468cc Inline4 SOHC 3v	01/1986 - On	L4	75.5mm x 82.0mm	
	G13B 1298cc Inline4 SOHC 2v	01/1983 - 12/1991	L4	71.0mm x 82.0mm	
	G15B 1468cc Inline4 SOHC 3v	10/1983 - 12/1992	L4	75.5mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>15.5mm wide.</i>					
4B1130A STD, .25, .50, .75, 1.00, 1.25		41.981/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/.0588	15.65/.616	F810	1130A IH
	CONROD	<i>17.6mm wide.</i>					
4B1736A STD, .25, .50, .75, 1.00		41.980/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/.0588	17.63/.694	F810	1736A IH
	MAINS	<i>Half groove.</i>					
5M1124A STD, .25, .50, .75, 1.00	1,2,4,5	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	19.13/.753	F810	1124A UL
	3	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	23.95/.943	F810	1125A(F) IH
	MAINS	<i>Full groove version of 5M1124A.</i>					
5M1737A STD, .25, .50, .75, 1.00	1,2,4,5	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	19.13/.753	F810	1737A IH
	3	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	23.95/.943	F810	1738A(F) IH

12	Engine	Year	Cyl	Bore x Stroke	12
	G31B 1499cc Inline4 SOHC 2v	01/1969 - 12/1974	L4	74.5mm x 86.0mm	
	G33B 1439cc Inline4 SOHC 2v	01/1977 - 12/1988	L4	73.0mm x 86.0mm	
	G37B 1755cc Inline4 SOHC 2v	05/1984 - 07/1989	L4	80.6mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>23.5 mm wide.</i>					
4B1146A STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH
RACE SERIES 4B1146H STD, .025, .25	CONROD	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.489/.0586	23.50/.925	F781	1146H IH
RACE SERIES 4B1146HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH



12 Continued ...								12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
MAINS								
<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>								
5M1144A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH	
	MAINS							
	<i>Standard width flanges for all undersizes.</i>							
	5M1144H STD, .025, .25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1144H L
1,2,4,5		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U	
3		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH	
MAINS								
<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>								
5M1144HX STD		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH	
	MAINS							
	<i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>							
	5M1147A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH
3		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH	
MAINS								
<i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>								
5M1238A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1238A(F) IH	

13 Engine				Year	Cyl	Bore x Stroke	13
4G41 1378cc Inline4 SOHC 2v				12/1971 - 05/1979	L4	76.5mm x 75.0mm	
4G42 1187cc Inline4 SOHC 2v				10/1971 - 04/1979	L4	71.0mm x 75.0mm	
KE43 977cc Inline4 SOHC 2v				09/1964 - 02/1971	L4	72.0mm x 60.0mm	
KE44 1088cc Inline4 SOHC 2v				03/1967 - 02/1971	L4	73.0mm x 65.0mm	
KE46 1189cc Inline4 SOHC 2v				12/1967 - 12/1970	L4	73.0mm x 71.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1141A STD, .25, .50, .75, 1.00, 1.25		51.976/2.0463 52.000/2.0472	55.000/2.1654 55.019/2.1661	1.488/.0586	22.12/.871	F810	1141A IH
	MAINS						
3M1142A STD, .25, .50, .75, 1.00, 1.25	1,2,3	63.985/2.5191 64.000/2.5197	68.000/2.6772 68.020/2.6779	1.991/.0784	25.02/.985	F810	1142A UL
	THRUST						
1T1142 STD		68.330/2.6902 68.580/2.7000	82.169/3.2350 82.423/3.2450		3.56/.140	F1	1142T UL
	CAMS						
4C8566A STD	1		48.000/1.8898	1.492/.0587	19.50/.768	F820	8566A
	2		47.000/1.8504	1.492/.0587	13.00/.512	F820	8567A
	3		46.000/1.8110	1.492/.0587	13.00/.512	F820	8568A

13 Continued ... 13

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4C8566A STD	4		45.000/1.7717	1.492/.0587	19.50/.768	F820	8569A
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4295 UNB			21.000/.8268 21.020/.8276	1.025/.0404	26.75/1.053	F100	4RB4295
PISTON PIN BUSH							
RB4295 UNB			21.000/.8268 21.020/.8276	1.025/.0404	26.75/1.053	F100	RB4295

14 Engine Year Cyl Bore x Stroke 14

4G51 1855cc Inline4 SOHC 2v	01/1974 - 12/1979	L4	81.0mm x 90.0mm
G51B 1855cc Inline4 SOHC 2v	06/1973 - 02/1978	L4	81.0mm x 90.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1136A STD, .25, .50, .75, 1.00, 1.25		52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/.0588	25.13/.989	F810	1136A IH
MAINS <i>Set is half grooved, suits 66mm journals.</i>							
5M1137A STD, .25, .50, .75, 1.00	1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	25.13/.989	F810	1137A UL
	3	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	30.95/1.219	F810	1138A(F) IH
MAINS <i>Set is half grooved, suits 60mm journals. Alternate set to 5M1137A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00mm=Std+0.34mm.</i>							
5M1239A STD, .25, .50, .75, 1.00	1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	25.13/.989	F810	1137A UL
	3	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	30.95/1.219	F810	1239A(F) IH
BALANCE							
3BS8288 STD, .25	1,2	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/.0582	20.25/.797	F820	8288
	3	22.959/.9039 22.980/.9047	26.000/1.0236 26.021/1.0244	1.505/.0593	18.00/.709	F820	8289

15 Engine Year Cyl Bore x Stroke 15

6D16-T 7545cc Inline6 2v Turbo Diesel	01/1987 - On	L6	118.0mm x 115.0mm
6D17 8201cc Inline6 2v Diesel	01/1991 - On	L6	118.0mm x 125.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Oil hole opposite notch.</i>							
6B1230P STD, .25, .50, .75, 1.00, 1.25		64.920/2.5559 64.940/2.5567	69.000/2.7165 69.020/2.7173	2.000/.0787	34.13/1.344	F780	1230 UL
MAINS <i>Thrust washers to be used with this set.</i>							
7M1232P STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5,6,7	79.940/3.1472 79.955/3.1478	85.000/3.3465 85.020/3.3472	2.500/.0984	28.13/1.107	F780	1232 UL



16	Engine	Year	Cyl	Bore x Stroke	16
	6DS1 4678cc Inline6 2v Diesel	01/1964 - 07/1972	L6	95.0mm x 110.0mm	
	6DS10 4678cc Inline6 2v Diesel	01/1966 - 07/1972	L6	95.0mm x 100.0mm	
	6DS3 5103cc Inline6 2v Diesel	07/1972 - 12/1974	L6	98.0mm x 110.0mm	
	6DS30 5103cc Inline6 2v Diesel	07/1972 - 12/1977	L6	95.0mm x 130.0mm	
	6DS5 4978cc Inline6 2v Diesel	04/1970 - 10/1972	L6	98.0mm x 110.0mm	
	6DS50 4978cc Inline6 2v Diesel	04/1970 - 03/1976	L6	98.0mm x 110.0mm	
	6DS7 5430cc Inline6 2v Diesel	10/1972 - 07/1978	L6	98.0mm x 120.0mm	
	6DS70 5430cc Inline6 2v Diesel	10/1972 - 09/1985	L6		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1536P STD, .25, .50, .75, 1.00		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1536 IH
		59.964/2.3608	64.018/2.5204				
MAINS							
7M1199P STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	77.936/3.0683	82.000/3.2283	2.007/.0790	27.00/1.063	F780	1199 UL
		77.950/3.0689	82.022/3.2292				
THRUST							
3T1199 STD		103.50mm O.D.			2.45/.096	F250	1199T IH
		85.500/3.3661	103.250/4.0650				
		85.750/3.3760	103.500/4.0748				

17	Engine	Year	Cyl	Bore x Stroke	17
	6G71 1998cc V6 SOHC 2v	07/1986 - 12/1996	V6	74.7mm x 76.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1150A STD, .25, .50, .75, 1.00		44.980/1.7709	48.000/1.8898	1.493/.0588	15.50/.610	F810	1150A IH
		45.000/1.7717	48.020/1.8905				
MAINS							
4M1149A STD, .25, .50, .75, 1.00	1,2,3,4	59.980/2.3614	64.000/2.5197	1.991/.0784	18.13/.714	F810	1149A UL
		60.000/2.3622	64.020/2.5205				
MAINS							
RACE SERIES 4M1149H STD, .025, .25	1,2,3,4	59.980/2.3614	64.000/2.5197	1.988/.0783	18.13/.714	F780	1149H UL
		60.000/2.3622	64.020/2.5205				
MAINS							
RACE SERIES 4M1149HX STD	1,2,3,4	59.980/2.3614	64.000/2.5197	1.975/.0778	18.13/.714	F780	1149HX UL
		60.000/2.3622	64.020/2.5205				
THRUST							
2T1149 STD		66.250/2.6083	77.450/3.0492		1.98/.078	F817	1149T UL
		66.500/2.6181	77.700/3.0590				

18	Engine	Year	Cyl	Bore x Stroke	18
	4G30 1289cc Inline4 SOHC 2v	12/1969 - 01/1973	L4	73.0mm x 77.0mm	
	4G31 1499cc Inline4 SOHC 2v	12/1969 - 01/1974	L4	74.5mm x 86.0mm	
	4G33 1439cc Inline4 SOHC Belt 2v	07/1977 - 05/1990	L4	73.0mm x 86.0mm	
	4G33 1439cc Inline4 SOHC Chain 2v	01/1972 - 12/1981	L4	73.0mm x 86.0mm	
	4G35 1686cc Inline4 SOHC 2v	12/1972 - 12/1977	L4	79.0mm x 86.0mm	
	4G36 1238cc Inline4 SOHC 2v	12/1975 - 02/1979	L4	73.0mm x 74.0mm	
	4G37 1755cc Inline4 SOHC 2v	07/1984 - 12/1991	L4	80.6mm x 86.0mm	
	4G61 1596cc Inline4 DOHC 4v	01/1990 - 12/1992	L4	82.0mm x mm	
	4G61T 1597cc Inline4 DOHC 4v Turbo	01/1989 - 12/1989	L4	82.3mm x 75.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1146A STD, .25, .50, .75, 1.00, 1.25		23.5 mm wide.		1.493/.0588	23.50/.925	F810	1146A IH
		44.991/1.7713	48.000/1.8898				
		45.000/1.7717	48.020/1.8905				
CONROD							
RACE SERIES 4B1146H STD, .025, .25		44.991/1.7713	48.000/1.8898	1.489/.0586	23.50/.925	F781	1146H IH
		45.000/1.7717	48.020/1.8905				



18 Continued ... 18

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES								
4B1146HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>						
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH	
MAINS								
<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>								
5M1144A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH	
		MAINS						
	<i>Standard width flanges for all undersizes.</i>							
	5M1144H STD, .025, .25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U
56.980/2.2433 57.000/2.2441			61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1144H L	
3		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH	
		MAINS						
<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>								
5M1144HX STD		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U
	56.980/2.2433 57.000/2.2441		61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH	
		MAINS						
	<i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>							
	5M1147A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH
56.980/2.2433 57.000/2.2441			61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH	
3		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH	
MAINS								
<i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, .025=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>								
5M1217A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1217A(F) IH	
		MAINS						
	<i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>							
	5M1238A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH
56.980/2.2433 57.000/2.2441			61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1238A(F) IH	
3		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1238A(F) IH	

19 Engine Year Cyl Bore x Stroke 19

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4G92 MIVEC 1597cc Inline4 DOHC 4v							
				08/1991 - On	L4	81.0mm x 77.5mm	
CONROD							
4B8036A STD, .25, .50, .75, 1.00	CONROD	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.015/1.8904	1.492/.0587	16.80/.661	F810	8036A IH
		MAINS					
<i>Superceded by 4B8036A.</i>							
4B8036H STD, .25	CONROD	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.015/1.8904	1.492/.0587	16.80/.661	F781	8036H IH
		MAINS					
4B8038A STD, .25, .50, .75, 1.00	CONROD	48.000/1.8898 45.000/1.7717		1.492/.0587	16.80/.661	F810	8038A IH
		MAINS					



19 Continued ...							19
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M8039A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	49.982/1.9678 50.000/1.9685	54.000/2.1260 54.018/2.1267	1.991/.0784	19.13/.753	F810	8039A UL
	THRUST	56.000/2.2047 56.250/2.2146	75.400/2.9685 75.700/2.9803		1.98/.078	F817	8037T IH
1T8037 STD							
20 Engine				Year	Cyl	Bore x Stroke	20
4A90 1332cc Inline4 DOHC 4v				01/2004 - On	L4	75.0mm x 75.4mm	
4A91 1499cc Inline4 DOHC 4v				01/2004 - On	L4	75.0mm x 84.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8564A STD, .25, .50	CONROD		43.000/1.6929 43.020/1.6937	1.493/.0588	13.63/.537	F810	8564A UL
	MAINS 1,2,3,4,5		50.000/1.9685 50.020/1.9693	1.991/.0784	16.13/.635	F810	8565A UL
5M8565A STD, .25, .50	THRUST	52.000/2.0472 52.250/2.0571	67.450/2.6555		3.26/.128	F817	8565T UL
1T8565 STD							
21 Engine				Year	Cyl	Bore x Stroke	21
2G23 546cc Inline2 SOHC 2v				03/1977 - 08/1982	L2	70.0mm x 71.0mm	
2G24 644cc Inline2 SOHC 2v				08/1982 - 12/1983	L2	76.0mm x 71.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2B8577A STD, .25	CONROD	39.980/1.5740 39.992/1.5745	43.004/1.6931 43.020/1.6937	1.495/.0589	17.13/.674	F810	8577A IH
	MAINS 1,2	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	19.43/.765	F810	8578A IH
3M8578A STD, .25	3	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	23.95/.943	F810	8579A(F) IH
	MAINS 1,2	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	19.43/.765	F810	8578A IH
3M8580A STD, .25	3	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	53.95/2.124	F810	8581A(F) UL
3M8580A STD, .25	MAINS 1,2	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	19.43/.765	F810	8580A UL
	3	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	53.95/2.124	F810	8581A(F) UL
22 Engine				Year	Cyl	Bore x Stroke	22
G23B 546cc Inline2 SOHC 2v				07/1978 - 05/1987	L2	70.0mm x 71.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2B8577A STD, .25	CONROD	39.980/1.5740 39.992/1.5745	43.004/1.6931 43.020/1.6937	1.495/.0589	17.13/.674	F810	8577A IH
	MAINS 1,2	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	19.43/.765	F810	8578A IH
3M8578A STD, .25	3	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	23.95/.943	F810	8579A(F) IH
	MAINS 1,2	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	19.43/.765	F810	8578A IH
3M8580A STD, .25	3	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	53.95/2.124	F810	8581A(F) UL

23	Engine	Year	Cyl	Bore x Stroke	23
	2G25 783cc Inline2 SOHC 2v	01/1984 - 11/1988	L2	78.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2B8577A STD, .25	CONROD	39.980/1.5740	43.004/1.6931	1.495/.0589	17.13/.674	F810	8577A
		39.992/1.5745	43.020/1.6937				IH
3M8580A STD, .25	MAINS	42.980/1.6921	47.000/1.8504	1.990/.0783	19.43/.765	F810	8580A
		43.000/1.6929	47.020/1.8512				UL
		42.980/1.6921	47.000/1.8504	1.990/.0783	53.95/2.124	F810	8581A(F)
	3	43.000/1.6929	47.020/1.8512				UL

24	Engine	Year	Cyl	Bore x Stroke	24
	3G81 548cc Inline3 SOHC 2v	01/1987 - 12/1991	L3	62.3mm x 60.0mm	
	3G82 796cc Inline3 SOHC 2v	01/1987 - 11/1988	L3	65.0mm x 80.0mm	
	3G83 657cc Inline3 SOHC 2v	01/1990 - On	L3	65.0mm x 66.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
3B8583A STD, .25, .50, .75, 1.00	CONROD	35.980/1.4165	39.000/1.5354	1.489/.0586	14.63/.576	F810	8583A
		36.000/1.4173	39.020/1.5362				IH
4M8584A STD, .25, .50, .75, 1.00	MAINS	39.980/1.5740	44.000/1.7323	1.990/.0783	17.13/.674	F810	8584A
		40.000/1.5748	44.020/1.7331				UL
1T8584 STD	THRUST	45.000/1.7717	56.700/2.2323		2.48/.097	F817	8584T
		45.250/1.7815	56.950/2.2421				IH
2B8586A STD	BALANCE	1	23.000/.9055	1.482/.0583	16.00/.630	F830	8586A
		2	47.000/1.8504	1.482/.0583	16.00/.630	F830	8587A

25	Engine	Year	Cyl	Bore x Stroke	25
	4G81 731cc Inline4 SOHC 2v	01/1987 - 12/1991	L4	62.3mm x 60.0mm	
	4G82 1061cc Inline4 SOHC 2v	01/1987 - 12/1988	L4	65.0mm x 80.0mm	
	4G83 876cc Inline4 SOHC 2v	01/1990 - On	L4	65.0mm x 66.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8583A STD, .25, .50, .75, 1.00	CONROD	35.980/1.4165	39.000/1.5354	1.489/.0586	14.63/.576	F810	8583A
		36.000/1.4173	39.020/1.5362				IH
5M8584A STD, .25, .50, .75, 1.00	MAINS	39.980/1.5740	44.000/1.7323	1.990/.0783	17.13/.674	F810	8584A
		40.000/1.5748	44.020/1.7331				UL
1T8584 STD	THRUST	45.000/1.7717	56.700/2.2323		2.48/.097	F817	8584T
		45.250/1.7815	56.950/2.2421				IH

26	Engine	Year	Cyl	Bore x Stroke	26
	4G94 1999cc Inline4 SOHC 4v	07/2002 - On	L4	81.5mm x 95.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8050A STD, .25, .50, .75	CONROD	46.980/1.8496	50.000/1.9685	1.492/.0587	16.80/.661	F810	8050A
		47.000/1.8504	50.015/1.9691				IH
RACE SERIES 4B8050H STD, .025, .25	CONROD	46.980/1.8496	50.000/1.9685	1.492/.0587	16.80/.661	F781	8050H
		47.000/1.8504	50.015/1.9691				IH



26 Continued ...							26
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 4B8050HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		46.980/1.8496 47.000/1.8504	50.000/1.9685 50.015/1.9691	1.479/.0582	16.80/.661	F781	8050HX IH
5M8037A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	49.982/1.9678 50.000/1.9685	54.000/2.1260 54.018/2.1267	1.991/.0784	19.13/.753	F810	8037A UL
RACE SERIES 5M8037H STD, .25	MAINS 1,2,3,4,5	49.982/1.9678 50.000/1.9685	54.000/2.1260 54.018/2.1267	1.991/.0784	19.13/.753	F780	8037H UL
1T8037 STD	THRUST	56.000/2.2047 56.250/2.2146	75.400/2.9685 75.700/2.9803		1.98/.078	F817	8037T IH

27 Engine				Year	Cyl	Bore x Stroke	27
4M41 3200cc Inline4 DOHC 4v Turbo Diesel				08/1999 - On	L4	98.5mm x 105.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 4B1800H Std	CONROD	53.970/2.1248 54.000/2.1260	58.000/2.2835 58.020/2.2842	1.993/.0785	27.63/1.088	F781	1800H UL
4B1800P STD, .25, .50, .75	CONROD	53.970/2.1248 54.000/2.1260	58.000/2.2835 58.020/2.2842	1.990/.0783	27.60/1.087	F780	1800 UL
5M1778P STD, .25, .50, .75	MAINS 1,2,4,5 3	67.961/2.6756 67.978/2.6763 67.961/2.6756 67.978/2.6763	72.000/2.8346 72.019/2.8354 72.000/2.8346 72.019/2.8354	2.000/.0787 1.990/.0783	22.13/.871	F780	1778 UL 1779 UL
2T1778 STD	THRUST	76.250/3.0020 76.500/3.0118	94.250/3.7106 94.500/3.7205		2.45/.096	F817	1778T UL
4RB4294 UNB, STD	PISTON PIN BUSH	<i>Tapered Bush. Set of 4.</i>					
		31.980/1.2591 32.000/1.2598	35.000/1.3780 35.030/1.3791	1.500/.0591	34.80/1.370	F100	4RB4294
RB4294 UNB, STD	PISTON PIN BUSH	<i>Tapered Bush.</i>					
		31.980/1.2591 32.000/1.2598	35.000/1.3780 35.030/1.3791	1.500/.0591	34.80/1.370	F810	RB4294

28 Engine				Year	Cyl	Bore x Stroke	28
6A12 1998cc V6 SOHC 4v				01/1993 - 12/1996	V6	78.4mm x 69.0mm	
6A12G 1998cc V6 DOHC 4v MIVEC				03/1993 - On	V6	78.4mm x 69.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1231P STD, .25, .50, .75, 1.00	CONROD	42.995/1.6927 43.000/1.6929	46.000/1.8110 46.020/1.8118	1.490/.0587	15.00/.591	F780	1231 IH
4M1233A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4	52.994/2.0864 53.000/2.0866	57.000/2.2441 57.020/2.2449	1.993/.0785	17.00/.669	F810	1233A UL
1T1233 STD	THRUST	59.250/2.3327 59.500/2.3425	79.500/3.1299 79.750/3.1398		1.98/.078	F817	1233T IH

29 Engine		Year		Cyl	Bore x Stroke	29	
4G32 1597cc Inline4 SOHC Belt 2v		10/1977 - 12/1990		L4	77.0mm x 86.0mm		
4G32 1597cc Inline4 SOHC Chain 2v		01/1970 - 12/1979		L4	77.0mm x 86.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>23.5 mm wide.</i>					
4B1146A STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713	48.000/1.8898	1.493/.0588	23.50/.925	F810	1146A
		45.000/1.7717	48.020/1.8905				IH
RACE SERIES							
4B1146H STD, .025, .25		44.991/1.7713	48.000/1.8898	1.489/.0586	23.50/.925	F781	1146H
		45.000/1.7717	48.020/1.8905				IH
RACE SERIES							
4B1146HX STD		<i>0.001" extra oil clearance on STD journal.</i>					
		44.991/1.7713	48.000/1.8898	1.476/.0581	23.50/.925	F781	1146HX
		45.000/1.7717	48.020/1.8905				IH
MAINS		<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>					
5M1144A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A
		57.000/2.2441	61.020/2.4024				L
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A
		57.000/2.2441	61.020/2.4024				U
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1148A(F)
		57.000/2.2441	61.020/2.4024				IH
RACE SERIES							
5M1144H STD, .025, .25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147H
		57.000/2.2441	61.020/2.4024				U
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1144H
		57.000/2.2441	61.020/2.4024				L
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F780	1148H(F)
		57.000/2.2441	61.020/2.4024				IH
RACE SERIES							
5M1144HX STD	1,2,4,5	56.980/2.2433	61.000/2.4016	1.977/.0778	23.00/.906	F780	1147HX
		57.000/2.2441	61.020/2.4024				U
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.977/.0778	23.00/.906	F780	1144HX
		57.000/2.2441	61.020/2.4024				L
	3	56.980/2.2433	61.000/2.4016	1.977/.0778	28.95/1.140	F780	1148HX(F)
		57.000/2.2441	61.020/2.4024				IH
MAINS		<i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>					
5M1147A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1147A
		57.000/2.2441	61.020/2.4024				IH
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1154A(F)
		57.000/2.2441	61.020/2.4024				IH
MAINS		<i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>					
5M1217A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A
		57.000/2.2441	61.020/2.4024				U
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A
		57.000/2.2441	61.020/2.4024				L
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1217A(F)
		57.000/2.2441	61.020/2.4024				IH
MAINS		<i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>					
5M1238A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1147A
		57.000/2.2441	61.020/2.4024				IH
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1238A(F)
		57.000/2.2441	61.020/2.4024				IH
BALANCE							
3BS8385 STD	RH/FRONT	38.975/1.5344	42.025/1.6545	1.505/.0593	19.00/.748	F820	8385
		38.975/1.5344	42.025/1.6545				
	RH/LH REAR	35.976/1.4164	39.025/1.5364	1.495/.0589	16.00/.630	F820	8386
		35.976/1.4164	39.025/1.5364				



30	Engine	Year	Cyl	Bore x Stroke	30		
	4G52 1995cc Inline4 SOHC 2v	01/1976 - 09/1984	L4	84.0mm x 90.0mm			
	4G53 2384cc Inline4 SOHC 2v	01/1974 - 01/1985	L4	88.0mm x 98.0mm			
	4G54 2555cc Inline4 SOHC 2v	11/1975 - 09/1990	L4	91.1mm x 98.0mm			
	G52B 1995cc Inline4 SOHC 2v	11/1977 - 12/1987	L4	84.0mm x 90.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1136A STD, .25, .50, .75, 1.00, 1.25		52.973/2.0855	56.007/2.2050	1.493/.0588	25.13/.989	F810	1136A IH
		53.000/2.0866	56.021/2.2055				
MAINS							
5M1137A STD, .25, .50, .75, 1.00	1,2,4,5	65.979/2.5976	70.000/2.7559	1.990/.0783	25.13/.989	F810	1137A UL
		66.000/2.5984	70.021/2.7567				
	3	65.979/2.5976	70.000/2.7559	1.990/.0783	30.95/1.219	F810	1138A(F) IH
		66.000/2.5984	70.021/2.7567				
MAINS							
5M1139A STD, .25, .50, .75, 1.00	1,2,4,5	59.973/2.3611	64.000/2.5197	1.990/.0783	25.13/.989	F810	1134A U
		60.000/2.3622	64.020/2.5205				
	1,2,4,5	59.973/2.3611	64.000/2.5197	1.990/.0783	25.13/.989	F810	1139A L
		60.000/2.3622	64.020/2.5205				
	3	59.973/2.3611	64.000/2.5197	1.990/.0783	30.95/1.219	F810	1135A(F) IH
		60.000/2.3622	64.020/2.5205				
MAINS							
5M1143A .25, .50, .75, 1.00	1,2,4,5	59.973/2.3611	64.000/2.5197	1.990/.0783	25.13/.989	F810	1139A L
		60.000/2.3622	64.020/2.5205				
	1,2,4,5	59.973/2.3611	64.000/2.5197	1.990/.0783	25.13/.989	F810	1134A U
		60.000/2.3622	64.020/2.5205				
	3	59.973/2.3611	64.000/2.5197	2.115/.0833	30.95/1.219	F820	1143AL(F) IH
		60.000/2.3622	64.020/2.5205				
MAINS							
5M1239A STD, .25, .50, .75, 1.00	1,2,4,5	65.979/2.5976	70.000/2.7559	1.990/.0783	25.13/.989	F810	1137A UL
		66.000/2.5984	70.021/2.7567				
	3	65.979/2.5976	70.000/2.7559	1.990/.0783	30.95/1.219	F810	1239A(F) IH
		66.000/2.5984	70.021/2.7567				
BALANCE							
3BS8288 STD, .25	1,2	43.009/1.6933	46.030/1.8122	1.478/.0582	20.25/.797	F820	8288
		43.025/1.6939	46.050/1.8130				
	3	22.959/9039	26.000/1.0236	1.505/.0593	18.00/.709	F820	8289
		22.980/9047	26.021/1.0244				

31	Engine	Year	Cyl	Bore x Stroke	31		
	G63B 1997cc Inline4 SOHC 4v	01/1989 - 03/1993	L4	85.0mm x 88.0mm			
	G64B 2351cc Inline4 SOHC 2v	01/1985 - 12/1989	L4	86.5mm x 100.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1146A STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713	48.000/1.8898	1.493/.0588	23.50/.925	F810	1146A IH
		45.000/1.7717	48.020/1.8905				
RACE SERIES							
4B1146H STD, .025, .25		44.991/1.7713	48.000/1.8898	1.489/.0586	23.50/.925	F781	1146H IH
		45.000/1.7717	48.020/1.8905				
RACE SERIES							
4B1146HX STD		44.991/1.7713	48.000/1.8898	1.476/.0581	23.50/.925	F781	1146HX IH
		45.000/1.7717	48.020/1.8905				

31 Continued ... 31

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
MAINS <i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>								
5M1144A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH	
	RACE SERIES MAINS <i>Standard width flanges for all undersizes.</i>							
	5M1144H STD, .025, .25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1144H L
3		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH	
RACE SERIES MAINS <i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>								
5M1144HX STD		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH	
	MAINS <i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>							
	5M1147A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH
		3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH
MAINS <i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>								
5M1217A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1217A(F) IH	
	MAINS <i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>							
	5M1238A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH
		3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1238A(F) IH
BALANCE								
3BS8389 STD, .25, .50	LH/REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388	
	RH/FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387	
	RH/REAR	40.967/1.6129 40.967/1.6129	44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8389	

32 Engine Year Cyl Bore x Stroke 32

G32B 1597cc Inline4 SOHC 2v 01/1977 - 12/1990 L4 77.0mm x 86.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD 23.5 mm wide.

4B1146A STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH
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32 Continued ...								32	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
RACE SERIES 4B1146H STD, .025, .25	CONROD	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.489/.0586	23.50/.925	F781	1146H IH		
RACE SERIES 4B1146HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH
5M1144A STD, .25, .50, .75, 1.00	MAINS	<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L		
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH		
RACE SERIES 5M1144H STD, .025, .25	MAINS	<i>Standard width flanges for all undersizes.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1144H L		
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH		
RACE SERIES 5M1144HX STD	MAINS	<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U		
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH		
5M1147A STD, .25, .50, .75, 1.00, 1.25	MAINS	<i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH		
5M1238A STD, .25, .50, .75, 1.00, 1.25	MAINS	<i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1238A(F) IH		
3B58385 STD	BALANCE								
	RH/FRONT	38.975/1.5344 38.975/1.5344	42.025/1.6545 42.025/1.6545	1.505/.0593	19.00/.748	F820	8385		
	RH/LH REAR	35.976/1.4164 35.976/1.4164	39.025/1.5364 39.025/1.5364	1.495/.0589	16.00/.630	F820	8386		

33 Engine		Year		Cyl	Bore x Stroke		33	
G54B 2555cc inline4 SOHC 2v		08/1978 - 03/1997		L4	91.1mm x 98.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1136A STD, .25, .50, .75, 1.00, 1.25	CONROD	52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/.0588	25.13/.989	F810	1136A IH	
5M1139A STD, .25, .50, .75, 1.00	MAINS	<i>Set is half grooved, suits 60mm journals. This set has standard width flanges for all undersizes. See 5M1143A for oversize flange version.</i>						
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/.0783	25.13/.989	F810	1134A U	
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/.0783	25.13/.989	F810	1139A L	

33 Continued ...							33
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1139A STD, .25, .50, .75, 1.00	3	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/.0783	30.95/1.219	F810	1135A(F) IH
MAINS		<i>Alternate set to 5M1139A. Suits 60mm journals. Set contains overwidth flanges for undersizes: 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.25mm, 1.00mm=Std+0.33mm.</i>					
5M1143A .25, .50, .75, 1.00	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/.0783	25.13/.989	F810	1134A U
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/.0783	25.13/.989	F810	1139A L
	3	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.115/.0833	30.95/1.219	F820	1143AL(F) IH
	BALANCE						
3B58288 STD, .25	1,2	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/.0582	20.25/.797	F820	8288
	3	22.959/.9039 22.980/.9047	26.000/1.0236 26.021/1.0244	1.505/.0593	18.00/.709	F820	8289

34 Engine	Year	Cyl	Bore x Stroke	34
4G62 1795cc Inline4 SOHC 2v	01/1980 - 02/1988	L4	80.6mm x 88.0mm	
4G63T 1997cc Inline4 SOHC 2v Turbo	01/1982 - 12/1989	L4	85.0mm x 88.0mm	
G62B 1795cc Inline4 SOHC 2v	01/1980 - 04/1987	L4	80.6mm x 88.0mm	
G62BT 1795cc Inline4 SOHC 2v Turbo	01/1982 - 12/1989	L4	80.6mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>23.5 mm wide.</i>					
4B1146A STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH
	RACE SERIES						
4B1146H STD, .025, .25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.489/.0586	23.50/.925	F781	1146H IH
	RACE SERIES						
4B1146HX STD		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH
	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
MAINS		<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>					
5M1144A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH
	MAINS		<i>Standard width flanges for all undersizes.</i>				
5M1144H STD, .025, .25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1144H L
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH
	MAINS		<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>				
5M1144HX STD	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH
	MAINS		<i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>				
5M1217A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L



34 Continued ...							34
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1217A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1217A(F) IH
BALANCE <i>To be superseded by 3BS8389.</i>							
3BS8387 STD	R/H FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387
	RH/LH REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
BALANCE							
3BS8389 STD, .25, .50	LH/REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
	RH/FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387
	RH/REAR	40.967/1.6129 40.967/1.6129	44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8389

35 Engine				Year	Cyl	Bore x Stroke	35
G63B 1997cc Inline4 SOHC 2v				12/1980 - 01/1993	L4	85.0mm x 88.0mm	
G63BT 1997cc Inline4 SOHC 2v Turbo				01/1980 - 04/1992	L4	85.0mm x 88.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>23.5 mm wide.</i>							
4B1146A STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH
	RACE SERIES						
4B1146H STD, .025, .25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.489/.0586	23.50/.925	F781	1146H IH
	RACE SERIES						
4B1146HX STD		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH
	RACE SERIES						
MAINS <i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>							
5M1144A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH
MAINS <i>Standard width flanges for all undersizes.</i>							
5M1144H STD, .025, .25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1144H L
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH
MAINS <i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>							
5M1144HX STD	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH
MAINS <i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>							
5M1147A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH

35 Continued ... 35

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
MAINS <i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>								
5M1217A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A L	
		57.000/2.2441	61.020/2.4024					
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A U	
		57.000/2.2441	61.020/2.4024					
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1217A(F) IH	
		57.000/2.2441	61.020/2.4024					
MAINS <i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>								
5M1238A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1147A IH	
		57.000/2.2441	61.020/2.4024					
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1238A(F) IH	
		57.000/2.2441	61.020/2.4024					
	BALANCE <i>To be superseded by 3BS8389.</i>							
	3BS8387 STD	R/H FRONT		45.025/1.7726	1.505/.0593	19.25/.758	F820	8387
			45.025/1.7726					
RH/LH REAR			44.025/1.7333	1.495/.0589	21.25/.837	F820	8388	
			44.025/1.7333					
3BS8389 STD, .25, .50	LH/REAR		44.025/1.7333	1.495/.0589	21.25/.837	F820	8388	
			44.025/1.7333					
	RH/FRONT		45.025/1.7726	1.505/.0593	19.25/.758	F820	8387	
			45.025/1.7726					
	RH/REAR	40.967/1.6129	44.025/1.7333	1.495/.0589	21.25/.837	F820	8389	
		40.967/1.6129	44.025/1.7333					

36 Engine	Year	Cyl	Bore x Stroke	36
6G74 3497cc V6 DOHC 4v	12/1993 - 05/2000	V6	93.0mm x 86.0mm	
6G74 3497cc V6 SOHC 4v	10/1996 - On	V6	93.0mm x 86.0mm	
6G75 3828cc V6 SOHC 4v	09/2003 - On	V6	95.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1180A STD, .25, .50, .75, 1.00		54.981/2.1646	58.001/2.2835	1.495/.0589	15.50/.610	F810	1180A IH
		54.999/2.1653	58.019/2.2842				
MAINS							
4M1183A STD, .25, .50, .75, 1.00	1,2,3,4	63.983/2.5190	68.000/2.6772	1.995/.0785	17.12/.674	F810	1183A UL
		64.000/2.5197	68.018/2.6779				
THRUST							
1T1183 STD		70.100/2.7598	94.250/3.7106		1.96/.077	F817	1183T IH
		70.350/2.7697	94.500/3.7205				

37 Engine	Year	Cyl	Bore x Stroke	37
4D34 3907cc Inline4 OHV 2v Diesel	01/1991 - 07/1996	L4	104.0mm x 115.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1230P STD, .25, .50, .75, 1.00		64.920/2.5559	69.000/2.7165	2.000/.0787	34.13/1.344	F780	1230 UL
		64.940/2.5567	69.020/2.7173				
CONROD							
4B1235P STD, .25, .50, .75, 1.00			69.000/2.7165	2.000/.0787	33.13/1.304	F780	1235 UL
			69.020/2.7173				
MAINS <i>Slot opposite notch in the upper shell, plain lower.</i>							
5M1198P STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	77.936/3.0683	82.000/3.2283	2.007/.0790	27.13/1.068	F780	1198 UL
		77.950/3.0689	82.022/3.2292				



37 Continued ...							37
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

	THRUST	<i>110mm O.D.</i>					
3T1229 STD		83.250/3.2776	109.750/4.3209		2.45/.096	F250	1229T
		83.500/3.2874	110.000/4.3307				

38 Engine	Year	Cyl	Bore x Stroke	38
4D31 3298cc Inline4 OHV 2v Diesel	10/1982 - 08/1991	L4	100.0mm x 105.0mm	
4D31 3298cc Inline4 OHV 2v Turbo Diesel	01/1982 - 01/1991	L4	100.0mm x 105.0mm	
4D31A 3298cc Inline4 OHV 2v Diesel	10/1982 - 08/1991	L4	100.0mm x 105.0mm	
4D31A 3298cc Inline4 OHV 2v Turbo Dies	10/1982 - 08/1991	L4	100.0mm x 105.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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	CONROD	<i>Oil slot in upper shell, plain lower shell.</i>					
4B1535P STD, .25, .50, .75, 1.00, 1.25		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1535 U
		59.964/2.3608	64.018/2.5204				
		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1536 L
		59.964/2.3608	64.018/2.5204				

	MAINS	<i>Slot opposite notch in the upper shell, plain lower.</i>					
5M1198P STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	77.936/3.0683	82.000/3.2283	2.007/.0790	27.13/1.068	F780	1198 UL
		77.950/3.0689	82.022/3.2292				

	THRUST	<i>103.50mm O.D.</i>					
3T1199 STD		85.500/3.3661	103.250/4.0650		2.45/.096	F250	1199T IH
		85.750/3.3760	103.500/4.0748				

	THRUST	<i>110mm O.D.</i>					
3T1229 STD		83.250/3.2776	109.750/4.3209		2.45/.096	F250	1229T
		83.500/3.2874	110.000/4.3307				

	PISTON PIN BUSH	<i>Set of 4.</i>					
4RB4069 UNB		34.000/1.3386	37.000/1.4567	1.640/.0646	39.00/1.535	F100	4RB4069
		34.000/1.3386	37.000/1.4567				

39 Engine	Year	Cyl	Bore x Stroke	39
4D32A 3298cc Inline4 OHV 2v Diesel	10/1985 - 01/1991	L4	100.0mm x 105.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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	CONROD	<i>Oil slot in upper shell, plain lower shell.</i>					
4B1535P STD, .25, .50, .75, 1.00, 1.25		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1535 U
		59.964/2.3608	64.018/2.5204				
		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1536 L
		59.964/2.3608	64.018/2.5204				

	MAINS	<i>Slot opposite notch in the upper shell, plain lower.</i>					
5M1198P STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	77.936/3.0683	82.000/3.2283	2.007/.0790	27.13/1.068	F780	1198 UL
		77.950/3.0689	82.022/3.2292				

	THRUST	<i>103.50mm O.D.</i>					
3T1199 STD		85.500/3.3661	103.250/4.0650		2.45/.096	F250	1199T IH
		85.750/3.3760	103.500/4.0748				

	THRUST	<i>110mm O.D.</i>					
3T1229 STD		83.250/3.2776	109.750/4.3209		2.45/.096	F250	1229T
		83.500/3.2874	110.000/4.3307				

40 Engine	Year	Cyl	Bore x Stroke	40
4D34-T 3907cc Inline4 OHV 2v Turbo Dies	08/1991 - On	L4		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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	CONROD	<i>Slot opposite notch in the upper shell, plain lower.</i>					
4B1230P STD, .25, .50, .75, 1.00		64.920/2.5559	69.000/2.7165	2.000/.0787	34.13/1.344	F780	1230 UL
		64.940/2.5567	69.020/2.7173				

	MAINS	<i>Slot opposite notch in the upper shell, plain lower.</i>					
5M1198P STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	77.936/3.0683	82.000/3.2283	2.007/.0790	27.13/1.068	F780	1198 UL
		77.950/3.0689	82.022/3.2292				



40 Continued ... 40

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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THRUST 110mm O.D.

3T1229 STD		83.250/3.2776	109.750/4.3209		2.45/.096	F250	1229T
		83.500/3.2874	110.000/4.3307				

41 Engine Year Cyl Bore x Stroke 41

4G63 1997cc Inline4 SOHC 4v	01/1993 - 09/2007	L4	85.0mm x .0mm
4G64 2351cc Inline4 DOHC 4v	01/1993 - 11/1998	L4	85.0mm x mm
4G64-S4 2351cc Inline4 SOHC 4v	08/1992 - On	L4	86.5mm x 100.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD 21mm wide.

4B1185A STD, .25, .50, .75, 1.00		44.981/1.7709	47.998/1.8897	1.490/.0587	21.10/.831	F810	1185A
		44.996/1.7715	48.019/1.8905				IH

RACE SERIES 4B1185H STD, .025, .25		44.981/1.7709	47.998/1.8897	1.488/.0586	21.10/.831	F781	1185H
		44.996/1.7715	48.019/1.8905				IH

RACE SERIES 4B1185HX STD		44.981/1.7709	47.998/1.8897	1.475/.0581	21.10/.831	F781	1185HX
		44.996/1.7715	48.019/1.8905				IH

MAINS Plain mains are 21mm wide, flanges are 25.4mm wide. Standard width flanges for all undersizes.

5M1186A STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A
		57.000/2.2441	61.021/2.4024				UL
	3	56.985/2.2435	61.000/2.4016	1.990/.0783	25.40/1.000	F810	1187A(F)

RACE SERIES 5M1186H STD, .025, .25	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F780	1186H
		57.000/2.2441	61.021/2.4024				UL
	3	56.985/2.2435	61.000/2.4016	1.990/.0783	25.40/1.000	F780	1187H(F)

RACE SERIES 5M1186HX STD	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F780	1186HX
		57.000/2.2441	61.021/2.4024				UL
	3	56.985/2.2435	61.000/2.4016	1.977/.0778	25.40/1.000	F780	1187HX(F)

MAINS Alternative to 5M1186A with oversize flanges. Overwidth flanges for undersizes: 0.25/0.50/0.75/1.00mm=Std+0.254mm.

5M1213A .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A
		57.000/2.2441	61.021/2.4024				UL
	3	56.985/2.2435	61.000/2.4016	2.115/.0833	25.65/1.010	F810	1213A(F)

MAINS For use in engines requiring separate thrust washers.

5M1219A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A
		57.000/2.2441	61.021/2.4024				UL

RACE SERIES 5M1219H STD, .025, .25	1,2,3,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F780	1186H
		57.000/2.2441	61.021/2.4024				UL

RACE SERIES 5M1219HX STD	1,2,3,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F780	1186HX
		57.000/2.2441	61.021/2.4024				UL

MAINS Suits engines with one thrust flange only, used in the upper position.

5M1228A STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A
		57.000/2.2441	61.021/2.4024				UL
	3	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A
	3	57.000/2.2441	61.021/2.4024				L
	3	56.985/2.2435	61.000/2.4016	1.990/.0783	25.40/1.000	F810	1187A(F)
		57.000/2.2441	61.021/2.4024				U



41 Continued ...							41
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1T1219 STD	THRUST	<i>For use with 5M1219 set.</i>					
		63.100/2.4842 63.350/2.4941	80.500/3.1693 80.750/3.1791		2.11/.083	F250	1219T IH
3BS8389 STD, .25, .50	BALANCE LH/REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
		RH/FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820
	RH/REAR		40.967/1.6129	44.025/1.7333	1.495/.0589	21.25/.837	F820
			40.967/1.6129	44.025/1.7333			

42 Engine			Year	Cyl	Bore x Stroke	42			
4G64 2351cc Inline4 SOHC 2v			01/1986 - 10/1997	L4	86.5mm x 100.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B1146A STD, .25, .50, .75, 1.00, 1.25	CONROD	<i>23.5 mm wide.</i>							
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH		
RACE SERIES 4B1146H STD, .025, .25	CONROD	44.991/1.7713	48.000/1.8898	1.489/.0586	23.50/.925	F781	1146H IH		
		45.000/1.7717	48.020/1.8905						
RACE SERIES 4B1146HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>							
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH		
4B1185A STD, .25, .50, .75, 1.00	CONROD	<i>21mm wide.</i>							
		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.490/.0587	21.10/.831	F810	1185A IH		
RACE SERIES 4B1185H STD, .025, .25	CONROD	44.981/1.7709	47.998/1.8897	1.488/.0586	21.10/.831	F781	1185H IH		
		44.996/1.7715	48.019/1.8905						
RACE SERIES 4B1185HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>							
		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.475/.0581	21.10/.831	F781	1185HX IH		
5M1144A STD, .25, .50, .75, 1.00	MAINS	<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>							
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
		3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH	
		RACE SERIES 5M1144H STD, .025, .25	MAINS	<i>Standard width flanges for all undersizes.</i>					
				1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U		
	RACE SERIES 5M1144HX STD	MAINS	<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>						
			1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U
			1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L
		3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH	
		MAINS	<i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>						
1,2,4,5			56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH	



42		Continued ...						42
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1147A STD, .25, .50, .75, 1.00, 1.25	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH	
MAINS		<i>Plain mains are 21mm wide, flanges are 25.4mm wide. Standard width flanges for all undersizes.</i>						
5M1186A STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F810	1187A(F) IH	
RACE SERIES		MAINS						
5M1186H STD, .025, .25	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186H UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F780	1187H(F) IH	
RACE SERIES		MAINS						
5M1186HX STD	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186HX UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.977/.0778	25.40/1.000	F780	1187HX(F) IH	
MAINS		<i>0.001" extra oil clearance on STD journal.</i>						
		<i>Alternative to 5M1186A with oversize flanges. Overwidth flanges for undersizes: 0.25/0.50/0.75/1.00mm=Std+0.254mm.</i>						
5M1213A STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/.0833	25.65/1.010	F810	1213A(F) IH	
MAINS		<i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>						
5M1217A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1217A(F) IH	
MAINS		<i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>						
5M1238A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1238A(F) IH	
BALANCE								
3BS8389 STD, .25, .50	LH/REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388	
	RH/FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387	
	RH/REAR	40.967/1.6129 40.967/1.6129	44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8389	

43		Engine	Year	Cyl	Bore x Stroke	43	
		4G91 1496cc Inline4 DOHC 4v	08/1991 - On	L4	81.0mm x 77.5mm		
		4G93 1834cc Inline4 DOHC 4v	01/1992 - 12/2005	L4	81.0mm x 89.0mm		
		4G93T 1834cc Inline4 DOHC 4v Turbo	08/1991 - 12/1996	L4	81.0mm x 89.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8036A STD, .25, .50, .75, 1.00		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.015/1.8904	1.492/.0587	16.80/.661	F810	8036A IH
RACE SERIES		CONROD					
4B8036H STD, .25		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.015/1.8904	1.492/.0587	16.80/.661	F781	8036H IH



43 Continued ...							43
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M8037A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	49.982/1.9678	54.000/2.1260	1.991/.0784	19.13/.753	F810	8037A UL
		50.000/1.9685	54.018/2.1267				
RACE SERIES 5M8037H STD, .25	MAINS 1,2,3,4,5	49.982/1.9678	54.000/2.1260	1.991/.0784	19.13/.753	F780	8037H UL
		50.000/1.9685	54.018/2.1267				
1T8037 STD	THRUST	56.000/2.2047	75.400/2.9685		1.98/.078	F817	8037T IH
		56.250/2.2146	75.700/2.9803				

44 Engine	Year	Cyl	Bore x Stroke	44
4G92 1597cc Inline4 SOHC/DOHC 4v	09/1992 - 12/2008	L4	81.0mm x 77.5mm	
4G93 1834cc Inline4 SOHC 4v	08/1991 - 02/2003	L4	81.0mm x 89.0mm	
4G93P 1834cc Inline4 SOHC 4v	10/1997 - On	L4	81.0mm x 89.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8036A STD, .25, .50, .75, 1.00	CONROD	44.980/1.7709	48.000/1.8898	1.492/.0587	16.80/.661	F810	8036A IH
		45.000/1.7717	48.015/1.8904				
RACE SERIES 4B8036H STD, .25	CONROD	44.980/1.7709	48.000/1.8898	1.492/.0587	16.80/.661	F781	8036H IH
		45.000/1.7717	48.015/1.8904				
4B8038A STD, .25, .50, .75, 1.00	CONROD	<i>Superceded by 4B8036A.</i>		1.492/.0587	16.80/.661	F810	8038A IH
		48.000/1.8898					
5M8037A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	49.982/1.9678	54.000/2.1260	1.991/.0784	19.13/.753	F810	8037A UL
		50.000/1.9685	54.018/2.1267				
RACE SERIES 5M8037H STD, .25	MAINS 1,2,3,4,5	49.982/1.9678	54.000/2.1260	1.991/.0784	19.13/.753	F780	8037H UL
		50.000/1.9685	54.018/2.1267				
1T8037 STD	THRUST	56.000/2.2047	75.400/2.9685		1.98/.078	F817	8037T IH
		56.250/2.2146	75.700/2.9803				

45 Engine	Year	Cyl	Bore x Stroke	45
4M40 2835cc Inline4 SOHC Belt 2v Diesel	01/1993 - On	L4	95.0mm x 100.0mm	
4M40 2835cc Inline4 SOHC Chain 2v Diesel	01/1993 - 12/1998	L4	95.0mm x 100.0mm	
4M40T 2835cc Inline4 SOHC Belt 2v Turbo Diesel	12/1993 - 05/2002	L4	95.0mm x 100.0mm	
4M40T 2835cc Inline4 SOHC Chain 2v Turbo Diesel	11/1996 - 07/2006	L4	95.0mm x mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1770P STD, .25, .50, .75	CONROD	53.970/2.1248	58.000/2.2835	1.995/.0785	27.63/1.088	F780	1770 UL
		54.000/2.1260	58.020/2.2842				
5M1778P STD, .25, .50, .75	MAINS 1,2,4,5	67.961/2.6756	72.000/2.8346	2.000/.0787	22.13/.871	F780	1778 UL
		67.978/2.6763	72.019/2.8354				1779 UL
		3	67.961/2.6756	72.000/2.8346	1.990/.0783	22.13/.871	F780
2T1778 STD	THRUST	76.250/3.0020	94.250/3.7106		2.45/.096	F817	1778T UL
		76.500/3.0118	94.500/3.7205				
2B58558A STD	BALANCE 1,2	46.000/1.8110		2.005/.0789	24.20/.953	F820	8558A
4RB4293 UNB, STD	PISTON PIN BUSH	<i>Tapered Bush. Set of 4.</i>		1.495/.0589	37.00/1.457	F100	4RB4293
		29.980/1.1803	33.000/1.2992				
		30.000/1.1811	33.030/1.3004				

45 Continued ... 45

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Tapered Bush.</i>							
RB4293 UNB, STD		29.980/1.1803	33.000/1.2992	1.495/.0589	37.00/1.457	F100	RB4293
		30.000/1.1811	33.030/1.3004				

Engine	Year	Cyl	Bore x Stroke	46
4D33A 3298cc Inline4 OHV 2v Diesel	10/1985 - 11/1997	L4	100.0mm x 105.0mm	
4D35 4561cc Inline4 OHV 2v Diesel	01/1993 - On	L4	110.0mm x 120.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD <i>Oil hole in upper shell, plain lower.</i>							
4B1234P STD, .25, .50, .75, 1.00, 1.25		59.944/2.3600	63.998/2.5196	2.000/.0787	33.13/1.304	F780	1234
		59.964/2.3608	64.018/2.5204				UL
CONROD <i>Oil slot in upper shell, plain lower shell.</i>							
4B1535P STD, .25, .50, .75, 1.00, 1.25		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1535
		59.964/2.3608	64.018/2.5204				U
		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1536
		59.964/2.3608	64.018/2.5204				L
MAINS <i>Slot opposite notch in the upper shell, plain lower.</i>							
5M1198P STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	77.936/3.0683	82.000/3.2283	2.007/.0790	27.13/1.068	F780	1198
		77.950/3.0689	82.022/3.2292				UL
THRUST <i>103.50mm O.D.</i>							
3T1199 STD		85.500/3.3661	103.250/4.0650		2.45/.096	F250	1199T
		85.750/3.3760	103.500/4.0748				IH

Engine	Year	Cyl	Bore x Stroke	47
4G63 1997cc Inline4 SOHC 2v	01/1982 - 08/2003	L4	85.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD <i>23.5 mm wide.</i>							
4B1146A STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713	48.000/1.8898	1.493/.0588	23.50/.925	F810	1146A
		45.000/1.7717	48.020/1.8905				IH
RACE SERIES							
4B1146H STD, .025, .25		44.991/1.7713	48.000/1.8898	1.489/.0586	23.50/.925	F781	1146H
		45.000/1.7717	48.020/1.8905				IH
RACE SERIES							
4B1146HX STD		44.991/1.7713	48.000/1.8898	1.476/.0581	23.50/.925	F781	1146HX
		45.000/1.7717	48.020/1.8905				IH
CONROD <i>21mm wide.</i>							
4B1185A STD, .25, .50, .75, 1.00		44.981/1.7709	47.998/1.8897	1.490/.0587	21.10/.831	F810	1185A
		44.996/1.7715	48.019/1.8905				IH
RACE SERIES							
4B1185H STD, .025, .25		44.981/1.7709	47.998/1.8897	1.488/.0586	21.10/.831	F781	1185H
		44.996/1.7715	48.019/1.8905				IH
RACE SERIES							
4B1185HX STD		44.981/1.7709	47.998/1.8897	1.475/.0581	21.10/.831	F781	1185HX
		44.996/1.7715	48.019/1.8905				IH
MAINS <i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>							
5M1144A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A
		57.000/2.2441	61.020/2.4024				U
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A
		57.000/2.2441	61.020/2.4024				L
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1148A(F)
		57.000/2.2441	61.020/2.4024				IH
RACE SERIES							
5M1144H STD, .025, .25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1144H
		57.000/2.2441	61.020/2.4024				L



47		Continued ...						47
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1144H STD, .025, .25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH	
RACE SERIES		<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>						
5M1144HX STD	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH	
MAINS		<i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>						
5M1147A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH	
MAINS		<i>Plain mains are 21mm wide, flanges are 25.4mm wide. Standard width flanges for all undersizes.</i>						
5M1186A STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F810	1187A(F) IH	
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>						
5M1186H STD, .025, .25	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186H UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F780	1187H(F) IH	
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>						
5M1186HX STD	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186HX UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.977/.0778	25.40/1.000	F780	1187HX(F) IH	
MAINS		<i>Alternative to 5M1186A with oversize flanges. Overwidth flanges for undersizes: 0.25/0.50/0.75/1.00mm=Std+0.254mm.</i>						
5M1213A .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/.0833	25.65/1.010	F810	1213A(F) IH	
MAINS		<i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>						
5M1217A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1217A(F) IH	
MAINS		<i>For use in engines requiring separate thrust washers.</i>						
5M1219A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	
	RACE SERIES		<i>Use with 1T1219 thrustwashers.</i>					
5M1219H STD, .025, .25	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186H UL	
	RACE SERIES		<i>Use with 1T1219 thrustwashers.</i>					
5M1219HX STD	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186HX UL	
	MAINS		<i>Suits engines with one thrust flange only, used in the upper position.</i>					
5M1228A STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	



47 Continued ...							47
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1228A STD, .25, .50, .75, 1.00	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A L
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F810	1187A(F) U
MAINS		<i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>					
5M1238A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1238A(F) IH
THRUST		<i>For use with 5M1219 set.</i>					
1T1219 STD		63.100/2.4842 63.350/2.4941	80.500/3.1693 80.750/3.1791		2.11/.083	F250	1219T IH
	BALANCE		<i>To be superseded by 3BS8389.</i>				
3BS8387 STD	R/H FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387
	RH/LH REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
3BS8389 STD, .25, .50	BALANCE						
	LH/REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
	RH/FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387
	RH/REAR	40.967/1.6129 40.967/1.6129	44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8389

48 Engine	Year	Cyl	Bore x Stroke	48
4D55 2346cc Inline4 OHV 2v Diesel	10/1982 - 12/1988	L4	91.1mm x 90.0mm	
4D55 2346cc Inline4 OHV 2v Turbo Diesel	01/1983 - 12/1988	L4	91.1mm x 90.0mm	
4D56 2476cc Inline4 OHV 2v Diesel	04/1986 - On	L4	91.1mm x 95.0mm	
4D56-T 2476cc Inline4 SOHC 2v Turbo Diesel	12/1986 - 12/1993	L4	91.1mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1136A STD, .25, .50, .75, 1.00, 1.25	CONROD		52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/.0588	25.13/.989	F810	1136A IH
	MAINS		<i>Set is half grooved, suits 66mm journals.</i>					
5M1137A STD, .25, .50, .75, 1.00	1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	25.13/.989	F810	1137A UL	
	3	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	30.95/1.219	F810	1138A(F) IH	
MAINS		<i>Uses separate thrust washers.</i>						
5M1227A STD, .25, .50, .75, 1.00	1,2,3,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	25.13/.989	F810	1137A UL	
	MAINS		<i>Set is half grooved, suits 60mm journals. Alternate set to 5M1137A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00mm=Std+0.34mm.</i>					
5M1239A STD, .25, .50, .75, 1.00	1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	25.13/.989	F810	1137A UL	
	3	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	30.95/1.219	F810	1239A(F) IH	
THRUST								
1T1227 STD		72.000/2.8346 72.250/2.8445	89.700/3.5315 89.750/3.5335		2.50/.098	F817	1227T IH	
	BALANCE							
2BS8559A STD	1,2	42.980/1.6921 43.000/1.6929	46.000/1.8110 46.050/1.8130	1.480/.0583	20.00/.787	F820	8559A	



48 Continued ...								48
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
BALANCE								
3BS8288 STD, .25	1,2	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/.0582	20.25/.797	F820	8288	
	3	22.959/.9039 22.980/.9047	26.000/1.0236 26.021/1.0244	1.505/.0593	18.00/.709	F820	8289	
PISTON PIN BUSH <i>Set of 4.</i>								
4RB4091 UNB		28.994/1.1415 29.000/1.1417	32.000/1.2598 32.020/1.2606	1.740/.0685	31.90/1.256	F100	4RB4091	
	PISTON PIN BUSH							
RB4091 UNB		28.994/1.1415 29.000/1.1417	32.000/1.2598 32.020/1.2606	1.740/.0685	31.90/1.256	F100	RB4091	
	49 Engine							
4D68 1998cc Inline4 SOHC 2v Diesel				Year	Cyl	Bore x Stroke	49	
				01/1992 - 12/2002	L4	82.7mm x 93.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B8589A STD, .25		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.499/.0590	21.23/.836	F810	8589A UL	
	MAINS							
5M8590A STD, .25		56.980/2.2433	61.000/2.4016	2.003/.0789	20.63/.812	F810	8590A UL	
		57.000/2.2441	61.020/2.4024					
		56.980/2.2433	61.000/2.4016	2.003/.0789	25.45/1.002	F810	8591A(F) IH	
		57.000/2.2441	61.020/2.4024					
50 Engine								
4DR5 2659cc Inline4 OHV 2v Diesel				Year	Cyl	Bore x Stroke	50	
				07/1970 - 08/1991	L4	92.0mm x 100.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>Has all plain shells.</i>								
4B1196P STD, .25, .50, .75		57.945/2.2813 57.965/2.2821	62.000/2.4409 62.020/2.4417	1.999/.0787	32.38/1.275	F780	1196 IH	
	MAINS							
5M1197P STD, .25, .50, .75, 1.00	1,2,3,4,5	69.935/2.7533 69.955/2.7541	74.000/2.9134 74.019/2.9141	1.994/.0785	28.19/1.110	F780	1197 UL	
	THRUST							
3T1197 STD	5		95.000/3.7402		2.45/.097	F250	1197T IH	
	51 Engine							
4G11 1244cc Inline4 SOHC 2v				Year	Cyl	Bore x Stroke	51	
				12/1977 - 12/1982	L4	69.5mm x 82.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>17.6mm wide.</i>								
4B1736A STD, .25, .50, .75, 1.00		41.980/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/.0588	17.63/.694	F810	1736A IH	
	MAINS <i>Full groove version of 5M1124A.</i>							
5M1737A STD, .25, .50, .75, 1.00	1,2,4,5	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	19.13/.753	F810	1737A IH	
	3	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	23.95/.943	F810	1738A(F) IH	
	52 Engine							
	4G63 1997cc Inline4 DOHC 4v				Year	Cyl	Bore x Stroke	52
				01/1989 - 12/1994	L4	85.0mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>23.5 mm wide.</i>								
4B1146A STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH	

52		Continued ...						52	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
RACE SERIES 4B1146H STD, .025, .25	CONROD	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.489/.0586	23.50/.925	F781	1146H IH		
RACE SERIES 4B1146HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH
4B1185A STD, .25, .50, .75, 1.00	CONROD	<i>21mm wide.</i>		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.490/.0587	21.10/.831	F810	1185A IH
RACE SERIES 4B1185H STD, .025, .25	CONROD	44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.488/.0586	21.10/.831	F781	1185H IH		
RACE SERIES 4B1185HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.475/.0581	21.10/.831	F781	1185HX IH
5M1144A STD, .25, .50, .75, 1.00	MAINS	<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U		
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH		
RACE SERIES 5M1144H STD, .025, .25	MAINS	<i>Standard width flanges for all undersizes.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1144H L		
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH		
RACE SERIES 5M1144HX STD	MAINS	<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L		
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH		
5M1186A STD, .25, .50, .75, 1.00	MAINS	<i>Plain mains are 21mm wide, flanges are 25.4mm wide. Standard width flanges for all undersizes.</i>							
	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL		
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F810	1187A(F) IH		
RACE SERIES 5M1186H STD, .025, .25	MAINS	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186H UL		
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F780	1187H(F) IH		
RACE SERIES 5M1186HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>							
	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186HX UL		
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.977/.0778	25.40/1.000	F780	1187HX(F) IH		
5M1213A .25, .50, .75, 1.00	MAINS	<i>Alternative to 5M1186A with oversize flanges. Overwidth flanges for undersizes: 0.25/0.50/0.75/1.00mm=Std+0.254mm.</i>							
	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL		
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/.0833	25.65/1.010	F810	1213A(F) IH		



52 Continued ...							52	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
		MAINS <i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>						
5M1217A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1217A(F) IH	
	MAINS <i>Suits engines with one thrust flange only, used in the upper position.</i>							
	5M1228A STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL
		3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F810	1187A(F) U
3		56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A L	
BALANCE								
3BS8389 STD, .25, .50	LH/REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388	
	RH/FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387	
	RH/REAR		44.025/1.7333	1.495/.0589	21.25/.837	F820	8389	
			40.967/1.6129 40.967/1.6129	44.025/1.7333 44.025/1.7333				

53 Engine				Year	Cyl	Bore x Stroke	53	
4G63-T 1997cc Inline4 DOHC 4v Turbo				05/1989 - 10/2007	L4	85.0mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
		CONROD <i>23.5 mm wide.</i>						
4B1146A STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH	
	RACE SERIES							
4B1146H STD, .025, .25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.489/.0586	23.50/.925	F781	1146H IH	
	RACE SERIES							
		CONROD <i>0.001" extra oil clearance on STD journal.</i>						
4B1146HX STD		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH	
	RACE SERIES							
		CONROD <i>21mm wide.</i>						
4B1185A STD, .25, .50, .75, 1.00		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.490/.0587	21.10/.831	F810	1185A IH	
	RACE SERIES							
4B1185H STD, .025, .25		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.488/.0586	21.10/.831	F781	1185H IH	
	RACE SERIES							
		CONROD <i>0.001" extra oil clearance on STD journal.</i>						
4B1185HX STD		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.475/.0581	21.10/.831	F781	1185HX IH	
	RACE SERIES							
		MAINS <i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>						
5M1144A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH	
	MAINS <i>Standard width flanges for all undersizes.</i>							
	5M1144H STD, .025, .25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1144H L

53		Continued ...						53
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1144H STD, .025, .25	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH	
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>						
5M1144HX STD	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH	
5M1147A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH	
5M1186A STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F810	1187A(F) IH	
RACE SERIES	MAINS	<i>Plain mains are 21mm wide, flanges are 25.4mm wide. Standard width flanges for all undersizes.</i>						
5M1186H STD, .025, .25	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186H UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F780	1187H(F) IH	
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
5M1186HX STD	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186HX UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.977/.0778	25.40/1.000	F780	1187HX(F) IH	
5M1213A .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/.0833	25.65/1.010	F810	1213A(F) IH	
5M1217A STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1217A(F) IH	
5M1219A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	
RACE SERIES	MAINS	<i>Use with 1T1219 thrustwashers.</i>						
5M1219H STD, .025, .25	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186H UL	
RACE SERIES	MAINS	<i>Use with 1T1219 thrustwashers.</i>						
5M1219HX STD	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186HX UL	
5M1228A STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A L	



53 Continued ...							53
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1228A STD, .25, .50, .75, 1.00	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F810	1187A(F) U
MAINS		<i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>					
5M1238A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1238A(F) IH
THRUST		<i>For use with 5M1219 set.</i>					
1T1219 STD		63.100/2.4842 63.350/2.4941	80.500/3.1693 80.750/3.1791		2.11/.083	F250	1219T IH
BALANCE							
3BS8389 STD, .25, .50	LH/REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
	RH/FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387
	RH/REAR	40.967/1.6129 40.967/1.6129	44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8389

54 Engine				Year	Cyl	Bore x Stroke	54
4G69 2378cc Inline4 SOHC 4v				05/2004 - On	L4	87.0mm x 100.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>21mm wide.</i>					
4B1185A STD, .25, .50, .75, 1.00		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.490/.0587	21.10/.831	F810	1185A IH
RACE SERIES 4B1185H STD, .025, .25	CONROD	44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.488/.0586	21.10/.831	F781	1185H IH
RACE SERIES 4B1185HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.475/.0581	21.10/.831	F781	1185HX IH
MAINS		<i>For use in engines requiring separate thrust washers.</i>					
5M1219A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL
RACE SERIES 5M1219H STD, .025, .25	MAINS	<i>Use with 1T1219 thrustwashers.</i>					
	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186H UL
RACE SERIES 5M1219HX STD	MAINS	<i>Use with 1T1219 thrustwashers.</i>					
	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186HX UL
THRUST		<i>For use with 5M1219 set.</i>					
1T1219 STD		63.100/2.4842 63.350/2.4941	80.500/3.1693 80.750/3.1791		2.11/.083	F250	1219T IH

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
MA09 930cc Inline4 SOHC 2v	01/1988 - 12/1992	L4	930	56	5
MA10 987cc Inline4 SOHC 2v	09/1981 - 02/1991	L4	987	60	5
MA10ET 987cc Inline4 SOHC 2v Turbo	01/1985 - 12/1991	L4	987	60	5
MA10S 987cc Inline4 SOHC 2v	01/1982 - On	L4	987	60	5
A10 988cc Inline4 OHV 2v	01/1966 - 12/1981	L4	988	60	63
E10 988cc Inline4 SOHC 2v	03/1981 - 02/1991	L4	988	60	6
CG10DE 998cc Inline4 DOHC 4v	08/1992 - 10/2002	L4	998	60	37
D11 1138cc Inline4 OHV 2v	01/1966 - 12/1978	L4	1138	69	38
A12 1171cc Inline4 OHV 2v	01/1970 - 12/1986	L4	1171	71	64
D12 1189cc Inline4 OHV 2v	10/1968 - 08/1970	L4	1189	72	38
E1 1189cc Inline4 OHV 2v	01/1960 - 12/1965	L4	1189	72	68
A12A 1237cc Inline4 OHV 2v	01/1980 - 12/1984	L4	1237	75	64
E13 1270cc Inline4 SOHC 2v	01/1981 - 02/1991	L4	1270	77	6
CG13DE 1275cc Inline4 DOHC 4v	08/1992 - 07/2000	L4	1275	77	37
A13 1288cc Inline4 OHV 2v	01/1974 - 12/1981	L4	1288	78	64
GA13DE 1295cc Inline4 DOHC 4v	01/1995 - 12/1999	L4	1295	79	3
GA13DS 1295cc Inline4 DOHC 4v	01/1990 - 12/1999	L4	1295	79	3
GA13S 1295cc Inline4 SOHC 3v	01/1990 - 12/1999	L4	1295	79	3
QG13DE 1295cc Inline4 DOHC 4v	01/1998 - On	L4	1295	79	3
L13 1296cc Inline4 SOHC 2v	01/1967 - 12/1977	L4	1296	79	25
J 1299cc Inline4 OHV 2v	01/1965 - 12/1970	L4	1299	79	74
J13 1299cc Inline4 OHV 2v	01/1960 - 12/1975	L4	1299	79	75
CGA3DE 1348cc Inline4 DOHC 4v	07/2000 - 10/2002	L4	1348	82	37
GA14DE 1392cc Inline4 DOHC 4v	01/1992 - 12/2001	L4	1392	84	3
GA14DS 1392cc Inline4 DOHC 4v	05/1990 - 05/1995	L4	1392	84	3
GA14S 1392cc Inline4 SOHC 3v	10/1988 - 12/1991	L4	1392	84	3
A14 1397cc Inline4 OHV 2v	09/1974 - 12/1984	L4	1397	85	64
L14 1428cc Inline4 SOHC 2v	09/1970 - 12/1985	L4	1428	87	25
K9K 1461cc Inline4 SOHC 2v Turbo Diesel	01/2003 - On	L4	1461	89	32
J15 1483cc Inline4 OHV 2v	01/1969 - 01/1982	L4	1483	90	75
E15 1487cc Inline4 SOHC 2v	01/1981 - 02/1991	L4	1487	90	6
A15 1488cc Inline4 OHV 2v	01/1979 - 12/1986	L4	1488	90	64
E15ET 1488cc Inline4 SOHC 2v Turbo	01/1981 - 07/1987	L4	1488	90	6
GA15DE 1497cc Inline4 DOHC 4v	01/1994 - 12/2000	L4	1497	91	3
GA15DS 1497cc Inline4 DOHC 4v	08/1987 - On	L4	1497	91	3
GA15E 1497cc Inline4 SOHC 3v	01/1988 - 12/1999	L4	1497	91	3
GA15S 1497cc Inline4 SOHC 3v	01/1987 - 12/1999	L4	1497	91	3
QG15DE 1497cc Inline4 DOHC 4v	01/2000 - 12/2006	L4	1497	91	3
HR15DE 1498cc Inline4 DOHC 4v	09/2004 - On	L4	1498	91	41
J16 1567cc Inline4 OHV 2v	08/1972 - 12/1985	L4	1567	95	75
L16 1595cc Inline4 SOHC 2v	01/1967 - 12/1985	L4	1595	97	25
R16 1595cc Inline4 OHV 2v	01/1965 - 01/1972	L4	1595	97	81
Z16 1595cc Inline4 SOHC 2v	01/1978 - 12/1988	L4	1595	97	25
GA16DS 1596cc Inline4 DOHC 4v	01/1990 - 12/1997	L4	1596	97	3
E16 1597cc Inline4 SOHC 2v	03/1986 - 07/1987	L4	1597	97	6
GA16DE 1597cc Inline4 DOHC 4v	01/1990 - 07/2000	L4	1597	97	3
GA16i 1597cc Inline4 SOHC 3v	08/1987 - 06/1990	L4	1597	97	3
GA16S 1597cc Inline4 SOHC 3v	01/1986 - 12/1995	L4	1597	97	3
QG16DE 1597cc Inline4 DOHC 4v	07/2000 - 03/2003	L4	1597	97	3
CA16 1598cc Inline4 SOHC 8v	01/1979 - 12/1990	L4	1598	97	16
CA16DE 1598cc Inline4 DOHC 4v	01/1979 - 01/1992	L4	1598	97	49
H4M 1598cc Inline4 DOHC 4v	04/2009 - On	L4	1598	97	41
HR16DE 1598cc Inline4 DOHC 4v	07/2005 - On	L4	1598	97	41
MR16DDT 1618cc Inline4 DOHC 4v Turbo	01/2011 - On	L4	1618	98	31
NA16S 1627cc Inline4 SOHC 2v	01/1989 - 12/1995	L4	1627	99	87
CD17 1680cc Inline4 SOHC 2v Diesel	01/1982 - 05/1988	L4	1680	102	65
QG18DE 1769cc Inline4 DOHC 4v	07/2000 - 12/2006	L4	1769	107	3
L18 1770cc Inline4 SOHC 2v	11/1968 - 12/1985	L4	1770	108	25



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
Z18 1770cc Inline4 SOHC 2v	01/1978 - 12/1988	L4	1770	108	25
Z18E 1770cc Inline4 SOHC 2v	01/1980 - 12/1988	L4	1770	108	25
MR18DE 1798cc Inline4 DOHC 4v	01/2004 - On	L4	1798	109	29
J18 1800cc Inline4 OHV 2v	01/1980 - On	L4	1800	109	76
CA18 1809cc Inline4 SOHC 8v	01/1979 - 11/1989	L4	1809	110	16
CA18DE 1809cc Inline4 DOHC 4v	01/1988 - 12/1991	L4	1809	110	49
CA18DET 1809cc Inline4 DOHC 4v Turbo	01/1988 - 12/1991	L4	1809	110	49
CA18ET 1809cc Inline4 SOHC 2v Turbo	01/1983 - 12/1985	L4	1809	110	16
CA18P 1809cc Inline4 SOHC 8v	01/1985 - On	L4	1809	110	36
SR18DE 1838cc Inline4 DOHC 4v	01/1989 - 12/1999	L4	1838	112	34
SR18Di 1838cc Inline4 DOHC 4v	01/1990 - 12/1993	L4	1838	112	34
L20B 1952cc Inline4 SOHC 2v	01/1974 - 02/1986	L4	1952	119	26
LD20 1952cc Inline4 SOHC 2v Diesel	04/1978 - On	L4	1952	119	85
LD20-T 1952cc Inline4 SOHC 2v Turbo Diesel	01/1980 - 12/1992	L4	1952	119	26
Z20 1952cc Inline4 SOHC 2v	01/1981 - 02/1997	L4	1952	119	26
Z20E 1952cc Inline4 SOHC 2v	01/1979 - 12/1986	L4	1952	119	26
Z20S 1952cc Inline4 SOHC 2v	01/1979 - 12/1986	L4	1952	119	26
CD20 1973cc Inline4 SOHC 2v Diesel	01/1990 - 12/2001	L4	1973	120	66
CD20-T 1973cc Inline4 SOHC 2v Turbo Diesel	01/1991 - 12/2002	L4	1973	120	67
CA20E 1974cc Inline4 SOHC 2v	01/1984 - 12/1992	L4	1974	120	16
CA20P 1974cc Inline4 SOHC 2v	01/1985 - On	L4	1974	120	36
CA20S 1974cc Inline4 SOHC 2v	01/1982 - 12/1986	L4	1974	120	16
H20 1982cc Inline4 OHV 2v	01/1966 - 12/1982	L4	1982	120	78
H20-II 1982cc Inline4 OHV 2v	01/1966 - On	L4	1982	120	73
U20 1982cc Inline4 SOHC 2v	01/1967 - 09/1970	L4	1982	120	60
FJ20E 1990cc Inline4 DOHC 4v	01/1982 - 12/1988	L4	1990	121	47
FJ20-ET 1990cc Inline4 DOHC 4v Turbo	01/1982 - 12/1984	L4	1990	121	47
SD20 1991cc Inline4 SOHC 2v Diesel	01/1963 - 06/1983	L4	1991	121	52
VQ20DE 1995cc V6 DOHC 4v	01/1997 - 12/2000	V6	1995	121	24
MR20DE 1997cc Inline4 DOHC 4v	01/2006 - On	L4	1997	121	29
L20 1998cc Inline6 SOHC 2v	01/1967 - 12/1987	L6	1998	121	71
L20A 1998cc Inline6 SOHC 2v	01/1981 - 12/1987	L6	1998	121	70
L20E 1998cc Inline6 SOHC 2v	11/1980 - 05/1987	L6	1998	121	70
L20S 1998cc Inline6 SOHC 2v	11/1980 - 05/1987	L6	1998	121	70
NA20P 1998cc Inline4 SOHC 2v	01/1990 - On	L4	1998	121	7
NA20S 1998cc Inline4 SOHC 2v	01/1989 - 12/1999	L4	1998	121	7
QR20DE 1998cc Inline4 DOHC 4v	10/2001 - On	L4	1998	121	14
RB20DE 1998cc Inline6 DOHC 4v	01/1985 - 12/1995	L6	1998	121	48
RB20DET 1998cc Inline6 DOHC 4v Turbo	01/1984 - 12/1993	L6	1998	121	48
RB20E 1998cc Inline6 SOHC 2v	10/1984 - On	L6	1998	121	80
RB20S 1998cc Inline6 SOHC 2v	01/1981 - 12/1986	L6	1998	121	80
SR20DE 1998cc Inline4 DOHC 4v	01/1990 - 01/2001	L4	1998	121	34
SR20DET (GTiR) 1998cc Inline4 DOHC 4v Turbo	01/1990 - 12/1994	L4	1998	121	18
SR20DET 1998cc Inline4 DOHC 4v Turbo	10/1990 - 12/2002	L4	1998	121	34
SR20Di 1998cc Inline4 DOHC 4v	01/1991 - 07/1994	L4	1998	121	34
SR20VE 1998cc Inline4 DOHC 4v	01/1997 - 12/2003	L4	1998	121	34
VG20DET 1998cc V6 DOHC 4v Turbo	01/1987 - 12/1992	V6	1998	121	21
VG20E 1998cc V6 SOHC 2v	06/1983 - 12/1997	V6	1998	121	20
VG20ET 1998cc V6 SOHC 2v Turbo	01/1984 - 12/1988	V6	1998	121	20
K21 2065cc Forklift OHV 2v	01/2007 - On	L4	2065	126	2
SD22 2164cc Inline4 OHV 2v Diesel	01/1962 - 01/1997	L4	2164	132	53
YD22DD 2184cc Inline4 DOHC 4v Diesel	01/2000 - 12/2002	L4	2184	133	1
YD22DDTi 2184cc Inline4 DOHC 4v Turbo Diesel	01/2002 - On	L4	2184	133	1
Z22E 2187cc Inline4 SOHC 2v	01/1980 - 01/1987	L4	2187	133	26
Z22S 2187cc Inline4 SOHC 2v	01/1980 - 01/1987	L4	2187	133	26
L23 2262cc Inline6 SOHC 2v	01/1967 - 12/1970	L6	2262	138	71
LD23 2283cc Inline4 SOHC 2v Diesel	01/1983 - On	L4	2283	139	39
SD23 2289cc Inline4 OHV 2v Diesel	08/1980 - 08/1988	L4	2289	139	54

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
TD23 2289cc Inline4 OHV 2v Diesel	01/1982 - 12/1986	L4	2289	139	51
KA24DE 2389cc Inline4 DOHC 4v	10/1993 - 12/2005	L4	2389	145	77
KA24E 2389cc Inline4 SOHC 3v	01/1989 - 12/2001	L4	2389	145	77
Z24 2389cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	2389	145	26
Z24i 2389cc Inline4 SOHC 2v	04/1985 - 12/1989	L4	2389	145	26
L24 2393cc Inline6 SOHC 2v	01/1967 - 12/1986	L6	2393	146	71
L24E 2393cc Inline6 SOHC 2v	01/1977 - 06/1986	L6	2393	146	71
K25 2488cc Forklift OHV 2v	01/2007 - On	L4	2488	151	2
QR25DE 2488cc Inline4 DOHC 4v	10/2001 - On	L4	2488	151	14
SD25 2488cc Inline4 OHV 2v Diesel	08/1980 - 01/1997	L4	2488	151	54
YD25DDTi 2488cc Inline4 DOHC 4v Turbo Diesel	01/1998 - On	L4	2488	151	1
TD25 2494cc Inline4 OHV 2v Diesel	01/1987 - On	L4	2494	152	57
VQ25DE 2495cc V6 DOHC 4v	01/2000 - On	V6	2495	152	24
VQ25DET 2495cc V6 DOHC 4v Turbo	01/2001 - 12/2004	V6	2495	152	24
RB25DE 2498cc Inline6 DOHC 4v	01/1993 - 05/1998	L6	2498	152	15
RB25DE NEO 2498cc Inline6 DOHC 4v	05/1998 - On	L6	2498	152	15
RB25DET 2498cc Inline6 DOHC 4v Turbo	01/1994 - 05/1998	L6	2498	152	15
RB25DET NEO 2498cc Inline6 DOHC 4v Turbo	05/1998 - On	L6	2498	152	15
L26 2565cc Inline6 SOHC 2v	01/1966 - 12/1980	L6	2565	156	71
RB26DETT 2568cc Inline6 DOHC 4v Turbo	06/1991 - On	L6	2568	156	83
TD27 2663cc Inline4 OHV 2v Diesel	05/1982 - 12/2001	L4	2663	162	58
TD27T 2663cc Inline4 SOHC 2v Turbo Diesel	10/1988 - On	L4	2663	162	58
L28 2753cc Inline6 SOHC 2v	01/1969 - 02/1988	L6	2753	167	71
L28E 2753cc Inline6 SOHC 2v	01/1975 - 01/1984	L6	2753	167	71
L28S 2753cc Inline6 SOHC 2v	12/1979 - 03/1983	L6	2753	167	71
LD28 2792cc Inline6 SOHC 2v Diesel	10/1979 - 10/1986	L6	2792	170	79
RD28 2826cc Inline6 SOHC 2v/3v Diesel	06/1983 - 12/1999	L6	2825	172	17
RD28T 2826cc Inline6 SOHC 2v Turbo Diesel	01/1994 - 04/2000	L6	2825	172	86
RD28E 2826cc Inline6 SOHC 3v Diesel	01/1999 - On	L6	2826	172	17
ZD30DD 2953cc Inline4 4v Diesel	04/2000 - On	L4	2953	180	27
ZD30DDT 2953cc Inline4 DOHC 4v Turbo Diesel	04/2000 - On	L4	2953	180	27
ZD30DDTi 2953cc Inline4 DOHC 4v Turbo Diesel	04/2000 - On	L4	2953	180	27
ED30 2956cc Inline4 SOHC 2v Diesel	01/1973 - 12/1979	L4	2956	180	69
VE30DE 2960cc V6 DOHC 4v	07/1991 - 02/1994	V6	2960	180	61
VG30DE 2960cc V6 DOHC 4v	01/1989 - 12/1997	V6	2960	180	22
VG30DET 2960cc V6 DOHC 4v Turbo	01/1988 - 12/1994	V6	2960	180	22
VG30DETT 2960cc V6 DOHC 4v Twin Turbo	01/1990 - 12/1995	V6	2960	180	22
VG30E 2960cc V6 SOHC 2v	01/1984 - On	V6	2960	180	23
VG30ET 2960cc V6 SOHC 2v Turbo	01/1984 - 12/1989	V6	2960	180	23
VG30i 2960cc V6 SOHC 2v	01/1986 - 12/1989	V6	2960	180	23
RB30E 2962cc Inline6 SOHC 2v	03/1986 - 08/1988	L6	2962	180	88
RB30ET 2962cc Inline6 SOHC 2v Turbo	03/1986 - 07/1989	L6	2962	180	88
RB30S 2962cc Inline6 SOHC 2v	02/1988 - 12/1997	L6	2962	180	88
H30 2974cc Inline6 SOHC 2v	01/1966 - On	L6	2974	181	72
VQ30DE 2988cc V6 DOHC 4v	01/1995 - On	V6	2988	182	24
VQ30DET 2988cc V6 DOHC 4v Turbo	01/1995 - On	V6	2988	182	24
QD32 3153cc Inline4 OHV 2v Diesel	01/1986 - 12/2001	L4	3153	192	12
QD32-T 3153cc Inline4 OHV 2v Turbo Diesel	01/1996 - 12/2001	L4	3153	192	12
SD33 3246cc Inline6 OHV 2v Diesel	01/1966 - 12/1988	L6	3246	198	55
SD33T 3246cc Inline6 OHV 2v Turbo Diesel	08/1983 - 12/1988	L6	3246	198	56
VG33E 3275cc V6 SOHC 2v	01/1996 - On	V6	3275	199	50
ED33 3298cc Inline4 SOHC 2v Diesel	01/1980 - 01/1997	L4	3298	201	13
ED33-T 3298cc Inline4 SOHC 2v Turbo Diesel	06/1980 - 11/1986	L4	3298	201	13
FD33 3298cc Inline4 SOHC 2v Diesel	01/1983 - 12/1993	L4	3298	201	13
FD33-T 3298cc Inline4 SOHC 2v Turbo Diesel	01/1983 - 12/1988	L4	3298	201	13
ED35 3465cc Inline4 SOHC 2v Diesel	01/1990 - On	L4	3465	211	30
FD35 3465cc Inline4 SOHC 2v Diesel	11/1986 - 12/1991	L4	3465	211	13
FD35-T 3465cc Inline4 SOHC 2v Turbo Diesel	11/1986 - 12/1991	L4	3465	211	13



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
VQ35DE 3498cc V6 DOHC 4v	02/2003 - On	V6	3498	213	44
VQ35HR 3498cc V6 DOHC 4v	08/2006 - On	V6	3498	213	28
VQ37VHR 3696cc V6 DOHC 4v	01/2008 - On	V6	3696	225	28
VR38DETT 3799cc V6 DOHC 4v Twin Turbo	01/2007 - On	V6	3799	231	33
VQ40DE 3954cc V6 DOHC 4v	01/2005 - On	V6	3954	241	42
P 3956cc Inline6 SOHC 2v	01/1960 - 01/1980	L6	3956	241	82
P40 3956cc Inline6 SOHC 2v	01/1980 - 01/1988	L6	3956	241	84
VH41 4130cc V8 DOHC 4v	01/1991 - 12/2001	V8	4130	252	40
TB42E 4169cc Inline6 OHV 2v	01/1992 - 12/1997	L6	4169	254	62
TB42S 4169cc Inline6 OHV 2v	01/1987 - 12/1997	L6	4169	254	62
TD42 4169cc Inline6 OHV 2v Diesel	10/1987 - On	L6	4169	254	59
TD42T 4169cc Inline6 OHV 2v Turbo Diesel	01/1996 - On	L6	4169	254	45
FD42 4214cc Inline4 Diesel	01/1991 - On	L4	4214	257	4
TB45E 4479cc Inline6 SOHC 2v	12/1997 - 10/2001	L6	4479	273	19
TB45S 4479cc Inline6 SOHC 2v	12/1997 - 04/2000	L6	4479	273	19
VH45 4494cc V8 DOHC 4v	01/1989 - 12/2002	V8	4494	274	40
VK45DD 4494cc V8 DOHC 4v	01/2001 - 12/2010	V8	4494	274	35
VK45DE 4494cc V8 DOHC 4v	01/2002 - On	V8	4494	274	35
FD46 4617cc Inline4 Diesel	01/1991 - On	L4	4617	281	4
FD46-T 4617cc Inline4 Turbo Diesel	01/1991 - On	L4	4617	281	4
FD46-TA 4617cc Inline4 Turbo Diesel	01/1991 - On	L4	4617	281	4
TB48DE 4759cc Inline6 DOHC 4v	10/2001 - On	L6	4759	290	43
VK50VE 5026cc V8 DOHC 4v	01/2009 - On	V8	5026	306	35
VK56DE 5552cc V8 DOHC 4v	01/2004 - On	V8	5552	338	35
VK56VD 5552cc V8 DOHC 4v	01/2010 - On	V8	5552	338	35
ED6 5654cc Inline6 2v Diesel	01/1973 - 04/1983	L6	5654	345	46
FD6 5654cc Inline6 2v Diesel	01/1973 - 12/1990	L6	5654	345	46
FD6-T 5654cc Inline6 2v Turbo Diesel	01/1973 - 12/1989	L6	5654	345	46
ND6 6842cc Inline6 SOHC 2v Diesel	01/1969 - 12/1980	L6	6842	417	8
ND6-T 6842cc Inline6 SOHC 2v Turbo Diesel	10/1971 - 04/1986	L6	6842	417	8
NE6-T 6842cc Inline6 SOHC 2v Turbo Diesel	01/1986 - On	L6	6842	417	8
NE6 7412cc Inline6 SOHC 2v Diesel	01/1986 - On	L6	7412	452	8
PD6 10308cc Inline6 SOHC 2v Diesel	01/1969 - 12/1982	L6	10308	629	10
PD6-T 10308cc Inline6 SOHC 2v Turbo Diesel	01/1969 - 12/1982	L6	10308	629	10
PE6 11670cc Inline6 SOHC 2v Diesel	01/1970 - 12/1982	L6	11670	712	10
PE6H 11670cc Inline6 SOHC 2v Diesel	01/1973 - On	L6	11670	712	10
PE6H-T 11670cc Inline6 SOHC 2v Turbo Diesel	07/1984 - On	L6	11670	712	11
PE6-T 11670cc Inline6 SOHC 2v Turbo Diesel	10/1974 - On	L6	11670	712	9
PP6H 11670cc Inline6 SOHC 2v Diesel	01/1980 - 08/1988	L6	11670	712	9

1	Engine	Year	Cyl	Bore x Stroke	1
	YD22DD 2184cc Inline4 DOHC 4v Diesel	01/2000 - 12/2002	L4	86.0mm x 94.0mm	
	YD22DDTi 2184cc Inline4 DOHC 4v Turbo Diesel	01/2002 - On	L4	86.0mm x 94.0mm	
	YD25DDTi 2488cc Inline4 DOHC 4v Turbo Diesel	01/1998 - On	L4	89.0mm x 100.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2626A STD, .25, .50, .75, 1.00	CONROD	51.954/2.0454	55.000/2.1654	1.503/.0592	23.10/.909	F810	2626A IH
		51.974/2.0462	55.013/2.1659				
5M2627A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	62.951/2.4784	66.654/2.6242	1.831/.0721	20.00/.787	F810	2627A UL
		62.975/2.4793	66.681/2.6252				
1T2627 STD, .125, .25	THRUST 3	69.500/2.7362	88.250/3.4744	1.95/.077		F817	2627T IH
		69.750/2.7461	88.500/3.4842				
4RB4277 UNB	PISTON PIN BUSH	<i>Set contains 4 pieces.</i>		1.500/.0591	26.60/1.047	F100	4RB4277
			30.980/1.2197 31.000/1.2205				
RB4277 UNB	PISTON PIN BUSH		30.980/1.2197 31.000/1.2205	1.500/.0591	26.60/1.047	F100	RB4277

2	Engine	Year	Cyl	Bore x Stroke	2
	K21 2065cc Forklift OHV 2v	01/2007 - On	L4	89.0mm x 83.0mm	
	K25 2488cc Forklift OHV 2v	01/2007 - On	L4	89.0mm x 100.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1630A STD, .25, .50, .75, 1.00	CONROD	<i>To suit 45mm shaft.</i>		1.508/.0594	18.60/.732	F810	1630A IH
		44.961/1.7701	48.000/1.8898				
4B1630P STD, .25, .50, .75, 1.00	CONROD	<i>To suit 45mm shaft.</i>		1.508/.0594	18.60/.732	F780	1630 IH
		44.974/1.7706	48.013/1.8903				
5M1724A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5			1.835/.0722	19.00/.748	F810	1724A IH
		3	66.645/2.6238	1.835/.0722	34.00/1.339	F810	1725A(F) IH



3	Engine	Year	Cyl	Bore x Stroke	3
	GA13DE 1295cc Inline4 DOHC 4v	01/1995 - 12/1999	L4	71.0mm x 81.8mm	
	GA13DS 1295cc Inline4 DOHC 4v	01/1990 - 12/1999	L4	71.0mm x 81.8mm	
	GA13S 1295cc Inline4 SOHC 3v	01/1990 - 12/1999	L4	71.0mm x 81.8mm	
	GA14DE 1392cc Inline4 DOHC 4v	01/1992 - 12/2001	L4	73.6mm x 81.8mm	
	GA14DS 1392cc Inline4 DOHC 4v	05/1990 - 05/1995	L4	73.6mm x 81.8mm	
	GA14S 1392cc Inline4 SOHC 3v	10/1988 - 12/1991	L4	73.6mm x 81.8mm	
	GA15DE 1497cc Inline4 DOHC 4v	01/1994 - 12/2000	L4	73.6mm x 88.0mm	
	GA15DS 1497cc Inline4 DOHC 4v	08/1987 - On	L4	73.6mm x 88.0mm	
	GA15E 1497cc Inline4 SOHC 3v	01/1988 - 12/1999	L4	73.6mm x 88.0mm	
	GA15S 1497cc Inline4 SOHC 3v	01/1987 - 12/1999	L4	73.6mm x 88.0mm	
	GA16DE 1597cc Inline4 DOHC 4v	01/1990 - 07/2000	L4	76.0mm x 88.0mm	
	GA16DS 1596cc Inline4 DOHC 4v	01/1990 - 12/1997	L4	76.0mm x 88.0mm	
	GA16i 1597cc Inline4 SOHC 3v	08/1987 - 06/1990	L4	76.0mm x 88.0mm	
	GA16S 1597cc Inline4 SOHC 3v	01/1986 - 12/1995	L4	76.0mm x 88.0mm	
	QG13DE 1295cc Inline4 DOHC 4v	01/1998 - On	L4	71.0mm x 81.0mm	
	QG15DE 1497cc Inline4 DOHC 4v	01/2000 - 12/2006	L4	73.6mm x 88.0mm	
	QG16DE 1597cc Inline4 DOHC 4v	07/2000 - 03/2003	L4	76.0mm x 88.0mm	
	QG18DE 1769cc Inline4 DOHC 4v	07/2000 - 12/2006	L4	80.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2950A STD, .25, .50, .75, 1.00		39.956/1.5731	43.000/1.6929	1.505/.0593	17.10/.673	F810	2950A IH
		39.974/1.5738	43.013/1.6934				
MAINS <i>Supercedes 5M2952.</i>							
5M2949A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.940/1.9661	53.644/2.1120	1.835/.0722	16.10/.634	F810	2949A UL
		49.964/1.9671	53.668/2.1129				
THRUST							
1T2952 STD		56.000/2.2047	70.750/2.7854		1.97/.078	F817	2952T U
		56.250/2.2146	71.000/2.7953				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4107 UNB, STD				1.640/.0646	21.80/.858	F100	4RB4107
PISTON PIN BUSH							
RB4107 UNB, STD				1.640/.0646	21.80/.858	F100	RB4107

4	Engine	Year	Cyl	Bore x Stroke	4
	FD42 4214cc Inline4 Diesel	01/1991 - On	L4		
	FD46 4617cc Inline4 Diesel	01/1991 - On	L4		
	FD46-T 4617cc Inline4 Turbo Diesel	01/1991 - On	L4		
	FD46-TA 4617cc Inline4 Turbo Diesel	01/1991 - On	L4		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2914P STD, .25, .50, .75, 1.00		64.930/2.5563	68.980/2.7157	1.995/.0785	32.00/1.260	F780	2913
		64.945/2.5569	69.000/2.7165				
		64.930/2.5563	68.980/2.7157	1.995/.0785	32.00/1.260	F780	2914
		64.945/2.5569	69.000/2.7165				
MAINS							
5M2915P STD, .25, .50, .75, 1.00	1,2,3,4,5	77.930/3.0681	82.980/3.2669	2.500/.0984	27.00/1.063	F780	2915 UL
		77.940/3.0685	83.000/3.2677				
THRUST							
2T2915 STD		89.000/3.5039	103.150/4.0610		2.98/.117	F250	2915T UL
		89.250/3.5138	103.400/4.0709				

5	Engine	Year	Cyl	Bore x Stroke	5
	MA09 930cc Inline4 SOHC 2v	01/1988 - 12/1992	L4	66.0mm x 68.0mm	
	MA10 987cc Inline4 SOHC 2v	09/1981 - 02/1991	L4	68.0mm x 68.0mm	
	MA10ET 987cc Inline4 SOHC 2v Turbo	01/1985 - 12/1991	L4	68.0mm x 68.0mm	
	MA10S 987cc Inline4 SOHC 2v	01/1982 - On	L4	68.0mm x 68.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2770A STD, .25, .50	CONROD	39.961/1.5733	43.000/1.6929	1.500/.0591	15.13/.596	F810	2770A IH
		39.974/1.5738	43.013/1.6934				
5M2769A STD, .25, .50	MAINS 1,2,3,4,5	44.958/1.7700	49.000/1.9291	2.004/.0789	17.10/.673	F810	2769A UL
		44.971/1.7705	49.016/1.9298				
1T2769 STD	THRUST	51.250/2.0177	59.750/2.3524		1.97/.078	F817	2769T IH
		51.500/2.0276	60.000/2.3622				

6	Engine	Year	Cyl	Bore x Stroke	6
	E10 988cc Inline4 SOHC 2v	03/1981 - 02/1991	L4	73.0mm x 59.0mm	
	E13 1270cc Inline4 SOHC 2v	01/1981 - 02/1991	L4	76.0mm x 70.0mm	
	E15 1487cc Inline4 SOHC 2v	01/1981 - 02/1991	L4	76.0mm x 82.0mm	
	E15ET 1488cc Inline4 SOHC 2v Turbo	01/1981 - 07/1987	L4	76.0mm x 82.0mm	
	E16 1597cc Inline4 SOHC 2v	03/1986 - 07/1987	L4	76.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.				
4B1620A STD, .25, .50, .75, 1.00, 1.25	CONROD	39.954/1.5730	43.000/1.6929	1.503/.0592	17.10/.673	F810	1620A IH				
		39.974/1.5738	43.013/1.6934								
5M1623A STD, .25, .50, .75, 1.00, 1.25	MAINS	49.938/1.9661	53.643/2.1119	1.827/.0719	22.10/.870	F810	1623A IH				
		49.964/1.9671	53.667/2.1129								
		49.938/1.9661	53.643/2.1119					1.827/.0719	18.10/.713	F810	1625A IH
		49.964/1.9671	53.667/2.1129					1.827/.0719	26.95/1.061	F810	1624A(F) IH
		49.938/1.9661	53.643/2.1119								
49.964/1.9671	53.667/2.1129										
2BS8273 STD	BALANCE	1		1.490/.0587	21.50/.846	F23	8273				
		2		1.490/.0587	16.00/.630	F23	8274				

7	Engine	Year	Cyl	Bore x Stroke	7
	NA20P 1998cc Inline4 SOHC 2v	01/1990 - On	L4		
	NA20S 1998cc Inline4 SOHC 2v	01/1989 - 12/1999	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.				
4B1435A STD, .25, .50, .75, 1.00	CONROD		53.000/2.0866	1.502/.0591	22.00/.866	F810	1435A IH				
			53.020/2.0874								
5M1438A STD, .25, .50, .75, 1.00	MAINS	54.942/2.1631	58.645/2.3089	1.835/.0722	19.10/.752	F810	1437A UL				
		54.955/2.1636	58.658/2.3094								
		54.951/2.1634	58.645/2.3089					1.830/.0720	26.95/1.061	F810	1438A UL
		54.975/2.1644	58.658/2.3094								



8 Engine		Year	Cyl	Bore x Stroke	8		
ND6 6842cc Inline6 SOHC 2v Diesel		01/1969 - 12/1980	L6	110.0mm x 120.0mm			
ND6-T 6842cc Inline6 SOHC 2v Turbo Diesel		10/1971 - 04/1986	L6	100.0mm x 120.0mm			
NE6 7412cc Inline6 SOHC 2v Diesel		01/1986 - On	L6	110.0mm x 130.0mm			
NE6-T 6842cc Inline6 SOHC 2v Turbo Diesel		01/1986 - On	L6				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

THRUST							
2T2647 STD		102.000/4.0157 102.380/4.0307	117.420/4.6228 117.800/4.6378		3.01/.119		2647T UL

9 Engine		Year	Cyl	Bore x Stroke	9		
PE6-T 11670cc Inline6 SOHC 2v Turbo Diesel		10/1974 - On	L6	133.0mm x 140.0mm			
PP6H 11670cc Inline6 SOHC 2v Diesel		01/1980 - 08/1988	L6	133.0mm x 140.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

CONROD							
6B2716P STD, .25, .50, .75, 1.00		79.890/3.1453 79.910/3.1461	83.970/3.3059 84.000/3.3071	2.012/.0792	41.00/1.614	F780	2716 IH
MAINS							
7M2717P STD, .25, .50, .75, 1.00	1	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	35.00/1.378	F780	2717 L
	1,2,3,5,6,7	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	35.00/1.378	F780	2717 U
	2,3,5,6,7	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	35.00/1.378	F780	2718 L
	4	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	55.00/2.165	F780	2719 IH
CAMS							
5C4195 STD	1	62.724/2.4694 62.740/2.4701	66.800/2.6299 66.830/2.6311	2.020/.0795	34.00/1.339	F23	4195
	2	62.524/2.4616 62.540/2.4622	66.600/2.6220 66.630/2.6232	2.020/.0795	28.00/1.102	F23	4196
	3	62.324/2.4537 62.340/2.4543	66.400/2.6142 66.430/2.6153	2.020/.0795	39.00/1.535	F23	4197
	4	62.124/2.4458 62.140/2.4465	66.200/2.6063 66.230/2.6075	2.020/.0795	28.00/1.102	F23	4198
	5	61.924/2.4379 61.940/2.4386	66.000/2.5984 66.030/2.5996	2.020/.0795	31.00/1.220	F23	4199
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4066 UNB		45.993/1.8107 46.000/1.8110	49.985/1.9679 50.000/1.9685		44.00/1.732	F100	4RB4066

10 Engine		Year	Cyl	Bore x Stroke	10		
PD6 10308cc Inline6 SOHC 2v Diesel		01/1969 - 12/1982	L6	125.0mm x 140.0mm			
PD6-T 10308cc Inline6 SOHC 2v Turbo Diesel		01/1969 - 12/1982	L6	125.0mm x 140.0mm			
PE6 11670cc Inline6 SOHC 2v Diesel		01/1970 - 12/1982	L6	133.0mm x 140.0mm			
PE6H 11670cc Inline6 SOHC 2v Diesel		01/1973 - On	L6	133.0mm x 140.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

CONROD							
6B2716P STD, .25, .50, .75, 1.00		79.890/3.1453 79.910/3.1461	83.970/3.3059 84.000/3.3071	2.012/.0792	41.00/1.614	F780	2716 IH
MAINS							
7M2717P STD, .25, .50, .75, 1.00	1	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	35.00/1.378	F780	2717 L
	1,2,3,5,6,7	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	35.00/1.378	F780	2717 U
	2,3,5,6,7	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	35.00/1.378	F780	2718 L
	4	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	55.00/2.165	F780	2719 IH



10 Continued ...							10	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
THRUST								
2T2717 STD		112.000/4.4094	127.800/5.0315		3.01/.119	F250	2717T	
		112.000/4.4094	127.800/5.0315				UL	
CAMS								
5C4195 STD	1	62.724/2.4694 62.740/2.4701	66.800/2.6299 66.830/2.6311	2.020/.0795	34.00/1.339	F23	4195	
	2	62.524/2.4616 62.540/2.4622	66.600/2.6220 66.630/2.6232	2.020/.0795	28.00/1.102	F23	4196	
	3	62.324/2.4537 62.340/2.4543	66.400/2.6142 66.430/2.6153	2.020/.0795	39.00/1.535	F23	4197	
	4	62.124/2.4458 62.140/2.4465	66.200/2.6063 66.230/2.6075	2.020/.0795	28.00/1.102	F23	4198	
	5	61.924/2.4379 61.940/2.4386	66.000/2.5984 66.030/2.5996	2.020/.0795	31.00/1.220	F23	4199	
	PISTON PIN BUSH <i>Set of 4.</i>							
	4RB4066 UNB		45.993/1.8107	49.985/1.9679		44.00/1.732	F100	4RB4066
			46.000/1.8110	50.000/1.9685				

11 Engine				Year	Cyl	Bore x Stroke	11	
PE6H-T 11670cc Inline6 SOHC 2v Turbo Diesel				07/1984 - On	L6	133.0mm x 140.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
6B2716P STD, .25, .50, .75, 1.00		79.890/3.1453	83.970/3.3059	2.012/.0792	41.00/1.614	F780	2716	
		79.910/3.1461	84.000/3.3071				IH	
MAINS								
7M2717P STD, .25, .50, .75, 1.00	1	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	35.00/1.378	F780	2717 L	
	1,2,3,5,6,7	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	35.00/1.378	F780	2717 U	
	2,3,5,6,7	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	35.00/1.378	F780	2718 L	
	4	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	55.00/2.165	F780	2719 IH	
	PISTON PIN BUSH <i>Set of 4.</i>							
	4RB4066 UNB		45.993/1.8107	49.985/1.9679		44.00/1.732	F100	4RB4066
			46.000/1.8110	50.000/1.9685				

12 Engine				Year	Cyl	Bore x Stroke	12
QD32 3153cc Inline4 OHV 2v Diesel				01/1986 - 12/2001	L4	99.2mm x 102.0mm	
QD32-T 3153cc Inline4 OHV 2v Turbo Diesel				01/1996 - 12/2001	L4	99.2mm x 102.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2966A STD, .25, .50, .75, 1.00		56.913/2.2407	59.987/2.3617	1.513/.0596	26.10/1.028	F810	2966A
		56.926/2.2412	60.000/2.3622				IH
RACE SERIES							
4B2966H STD, .025, .25		56.913/2.2407	59.987/2.3617	1.510/.0594	26.10/1.028	F781	2966H
		56.926/2.2412	60.000/2.3622				IH
RACE SERIES							
4B2966HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.497/.0589	26.10/1.028	F781	2966HX
		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622				IH
MAINS							
5M2965A STD, .25, .50, .75, 1.00	1,2,3,4,5	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.013/.0793	26.00/1.024	F810	2965A UL
	RACE SERIES						
5M2965H STD, .025, .25	1,2,3,4,5	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.010/.0791	26.00/1.024	F780	2965H UL



12 Continued ...							12	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>						
5M2965HX STD	1,2,3,4,5	70.907/2.7916	74.981/2.9520	1.997/.0786	26.00/1.024	F780	2965HX UL	
		70.920/2.7921	75.000/2.9528					
2T1367 STD	THRUST	78.610/3.0949	93.472/3.6800	2.32/.092	F817	1367T UL		
		78.870/3.1051	93.726/3.6900					
5C4055 STD	CAMS	1	50.740/1.9976	53.830/2.1193	1.520/.0598	20.50/.807	F830	4055
			50.740/1.9976	53.830/2.1193				
		2	50.540/1.9898	53.630/2.1114	1.520/.0598	22.00/.866	F830	4056
			50.540/1.9898	53.630/2.1114				
		3	50.340/1.9819	53.430/2.1035	1.520/.0598	22.00/.866	F830	4057
50.340/1.9819	53.430/2.1035							
4	50.140/1.9740	53.230/2.0957	1.520/.0598	22.00/.866	F830	4058		
	50.140/1.9740	53.230/2.0957						
5	49.940/1.9661	53.030/2.0878	1.520/.0598	22.00/.866	F830	4059		
	49.940/1.9661	53.030/2.0878						

13 Engine			Year	Cyl	Bore x Stroke	13
ED33 3298cc Inline4 SOHC 2v Diesel			01/1980 - 01/1997	L4	100.0mm x 105.0mm	
ED33-T 3298cc Inline4 SOHC 2v Turbo Diesel			06/1980 - 11/1986	L4	100.0mm x 105.0mm	
FD33 3298cc Inline4 SOHC 2v Diesel			01/1983 - 12/1993	L4	100.0mm x 105.0mm	
FD33-T 3298cc Inline4 SOHC 2v Turbo Diesel			01/1983 - 12/1988	L4	100.0mm x 105.0mm	
FD35 3465cc Inline4 SOHC 2v Diesel			11/1986 - 12/1991	L4	102.5mm x 105.0mm	
FD35-T 3465cc Inline4 SOHC 2v Turbo Diesel			11/1986 - 12/1991	L4	102.5mm x 105.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B2776P STD, .25, .50, .75, 1.00	CONROD	61.920/2.4378	65.980/2.5976	1.998/.0787	32.00/1.260	F780	2776 IH	
		61.945/2.4388	66.000/2.5984					
5M2775A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.920/2.9890	79.980/3.1488	1.995/.0785	28.00/1.102	F810	2775A UL	
		75.940/2.9898	80.000/3.1496					
2T2775 STD	THRUST	86.000/3.3858	101.800/4.0079	3.00/.118	F100	2775T UL		
		86.000/3.3858	101.800/4.0079					
3C4212 STD	CAMS	1	57.340/2.2575	60.400/2.3779	1.515/.0596	28.00/1.102	F23	4212
			57.340/2.2575	60.400/2.3779				
		2	57.140/2.2496	60.200/2.3701	1.515/.0596	26.00/1.024	F23	4213
			57.140/2.2496	60.200/2.3701				
		3	56.940/2.2417	60.000/2.3622	1.515/.0596	26.00/1.024	F23	4214
56.940/2.2417	60.000/2.3622							

14 Engine			Year	Cyl	Bore x Stroke	14
QR20DE 1998cc Inline4 DOHC 4v			10/2001 - On	L4	89.0mm x 80.3mm	
QR25DE 2488cc Inline4 DOHC 4v			10/2001 - On	L4	89.0mm x 100.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2620A STD, .25, .50, .75, 1.00	CONROD	44.956/1.7699	48.000/1.8898	1.507/.0593	19.00/.748	F810	2620A IH
		44.974/1.7706	48.013/1.8903				
5M2628A STD, .25, .50, .75, 1.00	1,2,3,4,5	54.955/2.1636	58.944/2.3206	1.981/.0780	20.00/.787	F810	2628A L
		54.979/2.1645	58.968/2.3216				
	1,2,4,5	54.955/2.1636	58.944/2.3206	1.981/.0780	20.00/.787	F810	2628A U
		54.979/2.1645	58.968/2.3216				
	3	54.955/2.1636	58.944/2.3206	1.981/.0780	23.50/.925	F810	2629A U
54.979/2.1645	58.968/2.3216						



14 Continued ...							14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS		<i>This set contains one set of 1T2628-STD for all sizes.</i>					
5M2628A+2T STD, .25, .50, .75, 1.00		59.270/2.3335	83.250/3.2776		2.45/.097	F817	2628T
		59.520/2.3433	83.500/3.2874				
		59.270/2.3335	83.250/3.2776		2.45/.097	F817	2629T
		59.520/2.3433	83.500/3.2874				
	1,2,3,4	54.955/2.1636	58.944/2.3206	1.981/.0780	20.00/.787	F810	2628A U
		54.979/2.1645	58.968/2.3216				
	1,2,3,4,5	54.955/2.1636	58.944/2.3206	1.981/.0780	20.00/.787	F810	2628A L
		54.979/2.1645	58.968/2.3216				
	3	54.955/2.1636	58.944/2.3206	1.981/.0780	23.50/.925	F810	2629A U
		54.979/2.1645	58.968/2.3216				
THRUST							
1T2628 STD		59.270/2.3335	83.250/3.2776		2.45/.097	F817	2628T
		59.520/2.3433	83.500/3.2874				
		59.270/2.3335	83.250/3.2776		2.45/.097	F817	2629T
		59.520/2.3433	83.500/3.2874				
PISTON PIN BUSH		<i>Set contains 4 pieces.</i>					
4RB4278 UNB			21.980/.8654	1.030/.0406	22.80/.898	F100	4RB4278
			22.000/.8661				
PISTON PIN BUSH							
RB4278 UNB			21.980/.8654	1.030/.0406	22.80/.898	F100	RB4278
			22.000/.8661				

15	Engine	Year	Cyl	Bore x Stroke	15
	RB25DE 2498cc Inline6 DOHC 4v <i>Import NZ.</i>	01/1993 - 05/1998	L6	86.0mm x mm	
	RB25DE NEO 2498cc Inline6 DOHC 4v	05/1998 - On	L6	86.0mm x 71.7mm	
	RB25DET 2498cc Inline6 DOHC 4v Turbo	01/1994 - 05/1998	L6	86.0mm x 72.0mm	
	RB25DET NEO 2498cc Inline6 DOHC 4v Turbo	05/1998 - On	L6	86.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2960A STD, .25, .50, .75, 1.00		47.956/1.8880	51.000/2.0079	1.503/.0592	17.10/.673	F810	2960A IH
		47.974/1.8887	51.013/2.0084				
RACE SERIES							
6B2960H STD, .025, .25, .50		47.956/1.8880	51.000/2.0079	1.503/.0592	17.10/.673	F781	2960H IH
		47.974/1.8887	51.013/2.0084				
RACE SERIES							
6B2960HX STD		47.956/1.8880	51.000/2.0079	1.490/.0587	17.10/.673	F781	2960HX IH
		47.974/1.8887	51.013/2.0084				
CONROD							
6B2960P STD, .25, .50, .75, 1.00		47.956/1.8880	51.000/2.0079	1.503/.0592	17.10/.673	F780	2960 IH
		47.974/1.8887	51.013/2.0084				
MAINS							
7M2394A STD, .25, .50, .75	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.830/.0720	19.12/.753	F810	2394A UL
		54.975/2.1644	58.658/2.3094				
	7	54.951/2.1634	58.645/2.3089	1.830/.0720	26.95/1.061	F810	2395A(F) UL
		54.975/2.1644	58.658/2.3094				
RACE SERIES							
7M2394H STD, .025, .25, .50	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.827/.0719	19.12/.753	F780	2394H UL
		54.975/2.1644	58.658/2.3094				
	7	54.951/2.1634	58.645/2.3089	1.827/.0719	26.95/1.061	F780	2395H(F) UL
		54.975/2.1644	58.658/2.3094				
RACE SERIES							
7M2394HX STD	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.814/.0714	19.12/.753	F780	2394HX UL
		54.975/2.1644	58.658/2.3094				
	7	54.951/2.1634	58.645/2.3089	1.814/.0714	26.95/1.061	F780	2395HX(F) UL
		54.975/2.1644	58.658/2.3094				



15 Continued ...							15
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
7M2394P STD, .25, .50, .75	MAINS						
	1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	19.12/.753	F780	2394 UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	26.95/1.061	F780	2395(F) UL
	PISTON PIN BUSH		<i>Set of 6. Suits 21mm shaft.</i>				
6RB4074 UNB		21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	6RB4074
	PISTON PIN BUSH		<i>Suits 21mm shaft.</i>				
RB4074 UNB		21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	RB4074

16	Engine	Year	Cyl	Bore x Stroke	16
	CA16 1598cc Inline4 SOHC 8v	01/1979 - 12/1990	L4	78.0mm x 83.6mm	
	CA18 1809cc Inline4 SOHC 8v	01/1979 - 11/1989	L4	83.0mm x 83.6mm	
	CA18ET 1809cc Inline4 SOHC 2v Turbo	01/1983 - 12/1985	L4	83.0mm x 83.6mm	
	CA20E 1974cc Inline4 SOHC 2v	01/1984 - 12/1992	L4	84.5mm x 88.0mm	
	CA20S 1974cc Inline4 SOHC 2v	01/1982 - 12/1986	L4	84.5mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>To suit 45mm shaft.</i>					
4B1630A STD, .25, .50, .75, 1.00		44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.508/.0594	18.60/.732	F810	1630A IH
	RACE SERIES						
4B1630H STD, .025, .25, .50	CONROD	44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.505/.0593	18.60/.732	F781	1630H IH
	RACE SERIES						
4B1630HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.492/.0587	18.60/.732	F781	1630HX IH
CONROD		<i>To suit 45mm shaft.</i>					
4B1630P STD, .25, .50, .75, 1.00		44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.508/.0594	18.60/.732	F780	1630 IH
	MAINS	<i>Plain bearings 20mm wide.</i>					
5M1633A STD, .25, .50, .75, 1.00	1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.830/.0720	20.00/.787	F810	1633A UL
	3	52.951/2.0847 52.964/2.0852	56.667/2.2310 56.667/2.2310	1.835/.0722	27.95/1.100	F810	1635A(F) UL
	RACE SERIES						
5M1633H STD, .025, .25, .50	1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.827/.0719	20.00/.787	F780	1633H UL
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.832/.0721	27.95/1.100	F780	1635H(F) UL
	RACE SERIES						
5M1633HX STD	1,2,4,5	<i>0.001" extra oil clearance on STD journal.</i>					
		52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.814/.0714	20.00/.787	F780	1633HX UL
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.819/.0716	27.95/1.100	F780	1635HX(F) UL
MAINS		<i>Plain bearings 20mm wide.</i>					
5M1633P STD, .25, .50, .75, 1.00	1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.830/.0720	20.00/.787	F780	1633 UL
	3	52.951/2.0847 52.964/2.0852	56.667/2.2310 56.667/2.2310	1.835/.0722	27.95/1.100	F780	1635(F) UL
	MAINS	<i>Plain bearings 22.1mm wide.</i>					
5M8572A STD, .25, .50, .75, 1.00	1,2,4,5	52.950/2.0846 52.967/2.0853	56.660/2.2307 56.680/2.2315	1.829/.0720	22.10/.870	F810	8572A UL
	3	52.950/2.0846 52.967/2.0853	56.660/2.2307 56.680/2.2315	1.829/.0720	27.95/1.100	F810	8573A(F) UL

17 Engine		Year		Cyl	Bore x Stroke	17	
RD28 2826cc Inline6 SOHC 2v/3v Diesel		06/1983 - 12/1999		L6	85.0mm x 83.0mm		
RD28E 2826cc Inline6 SOHC 3v Diesel		01/1999 - On		L6	85.0mm x 83.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2930A STD, .25, .50, .75, 1.00		49.961/1.9670	53.000/2.0866	1.498/.0590	20.00/.787	F810	2930A
		49.974/1.9675	53.013/2.0871				IH
MAINS							
7M2394A STD, .25, .50, .75	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.830/.0720	19.12/.753	F810	2394A
		54.975/2.1644	58.658/2.3094				UL
		7	54.951/2.1634	58.645/2.3089	1.830/.0720	26.95/1.061	F810
		54.975/2.1644	58.658/2.3094				UL
RACE SERIES							
7M2394H STD, .025, .25, .50	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.827/.0719	19.12/.753	F780	2394H
		54.975/2.1644	58.658/2.3094				UL
		7	54.951/2.1634	58.645/2.3089	1.827/.0719	26.95/1.061	F780
		54.975/2.1644	58.658/2.3094				UL
RACE SERIES							
7M2394HX STD	1,2,3,4,5,6	<i>0.001" extra oil clearance on STD journal.</i>		1.814/.0714	19.12/.753	F780	2394HX
		54.951/2.1634	58.645/2.3089				UL
		7	54.951/2.1634	58.645/2.3089	1.814/.0714	26.95/1.061	F780
		54.975/2.1644	58.658/2.3094				UL
MAINS							
7M2394P STD, .25, .50, .75	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.830/.0720	19.12/.753	F780	2394
		54.975/2.1644	58.658/2.3094				UL
		7	54.951/2.1634	58.645/2.3089	1.830/.0720	26.95/1.061	F780
		54.975/2.1644	58.658/2.3094				UL
PISTON PIN BUSH <i>Set of 6. Suits 25mm shaft. For non-turbo versions.</i>							
6RB4272 UNB				1.525/.0600	24.47/.963	F100	6RB4272
PISTON PIN BUSH <i>Suits 25mm shaft. For non-turbo versions.</i>							
RB4272 UNB				1.525/.0600	24.47/.963	F100	RB4272

18 Engine		Year		Cyl	Bore x Stroke	18	
SR20DET (GTiR) 1998cc Inline4 DOHC 4v Turbo		01/1990 - 12/1994		L4	86.0mm x 86.0mm		
<i>Only fitted to Pulsar GTiR</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES							
4B2976H STD, .025, .25		<i>Suits GTiR engines with 19.10mm wide bearings.</i>					
		47.956/1.8880	51.000/2.0079	1.503/.0592	19.10/.752	F781	2976H
		47.974/1.8887	51.013/2.0084				IH
RACE SERIES							
4B2976HX STD		<i>0.001" extra oil clearance on STD journal. Suits GTiR engines with 19.10mm wide bearings.</i>					
		47.956/1.8880	51.000/2.0079	1.490/.0587	19.10/.752	F781	2976HX
		47.974/1.8887	51.013/2.0084				IH
RACE SERIES							
5M2975H STD, .025, .25	1,2,3,4,5	<i>Suits GTiR engines.</i>					
		54.956/2.1636	58.944/2.3206	1.980/.0780	19.10/.752	F780	2975H
		54.980/2.1646	58.968/2.3216				UL
RACE SERIES							
5M2975HX STD	1,2,3,4,5	<i>Suits GTiR engines. 0.001" extra oil clearance on STD journal.</i>					
		54.956/2.1636	58.944/2.3206	1.967/.0774	19.10/.752	F780	2975HX
		54.980/2.1646	58.968/2.3216				UL
THRUST							
1T2964 STD		61.500/2.4213	83.050/3.2697		1.95/.077	F817	2964T
		61.750/2.4311	83.300/3.2795				U



19 Engine		Year		Cyl	Bore x Stroke		19
TB45E 4479cc Inline6 SOHC 2v		12/1997 - 10/2001		L6	99.5mm x 96.0mm		
TB45S 4479cc Inline6 SOHC 2v		12/1997 - 04/2000		L6	99.5mm x 96.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2955A STD, .25, .50, .75		56.913/2.2407	59.987/2.3617	1.517/.0597	26.10/1.028	F810	2955A IH
		56.926/2.2412	60.000/2.3622				
RACE SERIES							
6B2955H STD, .025, .25		56.913/2.2407	59.987/2.3617	1.512/.0595	26.10/1.028	F781	2955H IH
		56.926/2.2412	60.000/2.3622				
RACE SERIES							
6B2955HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.499/.0590	26.10/1.028	F781	2955HX IH
		56.913/2.2407	59.987/2.3617				
		56.926/2.2412	60.000/2.3622				
CONROD							
6B2955P STD, .25, .50, .75		56.913/2.2407	59.987/2.3617	1.517/.0597	26.10/1.028	F780	2955 IH
		56.926/2.2412	60.000/2.3622				
MAINS							
7M2953A STD, .25, .50, .75	1,2,3,5,7	70.920/2.7921	75.000/2.9528	2.007/.0790	26.00/1.024	F810	2953A UL
		70.920/2.7921	75.020/2.9535				
	6	70.920/2.7921	75.000/2.9528	2.007/.0790	31.95/1.258	F810	2954A(F) UL
		70.920/2.7921	75.020/2.9535				
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4273 UNB				1.540/.0606	25.50/1.004	F100	6RB4273
PISTON PIN BUSH							
RB4273 UNB				1.540/.0606	25.50/1.004	F100	RB4273

20 Engine		Year		Cyl	Bore x Stroke		20
VG20E 1998cc V6 SOHC 2v		06/1983 - 12/1997		V6	78.0mm x 69.7mm		
VG20ET 1998cc V6 SOHC 2v Turbo		01/1984 - 12/1988		V6	78.0mm x 70.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearing is 15mm wide.</i>							
4B2673A STD, .25, .50, .75, 1.00		44.961/1.7701	48.000/1.8898	1.506/.0593	15.10/.595	F810	2673A IH
		44.974/1.7706	48.020/1.8905				
CONROD <i>Bearing is 17mm wide.</i>							
4B2674A STD, .25, .50, .75, 1.00		44.961/1.7701	48.000/1.8898	1.506/.0593	17.10/.673	F810	2674A IH
		44.974/1.7706	48.020/1.8905				
MAINS <i>Suits 53mm shaft.</i>							
4M2653A STD, .25, .50, .75, 1.00	1	52.951/2.0847	56.645/2.2301	1.821/.0717	25.60/1.008	F810	2653A UL
		52.975/2.0856	56.672/2.2312				
	2,3	52.951/2.0847	56.645/2.2301	1.821/.0717	19.10/.752	F810	2654A UL
		52.975/2.0856	56.672/2.2312				
4	52.951/2.0847	56.645/2.2301	1.821/.0717	28.85/1.136	F810	2655A(F) UL	
	52.975/2.0856	56.672/2.2312					
MAINS <i>Upper shell has five oil holes.</i>							
RACE SERIES 4M2737H STD, .025, .25, .50	1	62.951/2.4784	66.645/2.6238	1.830/.0720	22.50/.886	F780	2739H UL
		62.974/2.4793	66.672/2.6249				
	2,3	62.951/2.4784	66.645/2.6238	1.830/.0720	19.00/.748	F780	2737H UL
		62.974/2.4793	66.672/2.6249				
4	62.951/2.4784	66.645/2.6238	1.830/.0720	28.85/1.136	F780	2738H(F) UL	
	62.974/2.4793	66.672/2.6249					
MAINS <i>0.001" extra oil clearance on STD journal. Upper shell has five oil holes.</i>							
RACE SERIES 4M2737HX STD	1	62.951/2.4784	66.645/2.6238	1.817/.0715	22.50/.886	F780	2739HX UL
		62.974/2.4793	66.672/2.6249				
	2,3	62.951/2.4784	66.645/2.6238	1.817/.0715	19.00/.748	F780	2737HX UL
		62.974/2.4793	66.672/2.6249				
4	62.951/2.4784	66.645/2.6238	1.817/.0715	28.85/1.136	F780	2738HX(F) UL	
	62.974/2.4793	66.672/2.6249					

20 Continued ... **20**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4M2777A STD, .25, .50, .75, 1.00	MAINS						
	1		66.645/2.6238 66.658/2.6243	1.821/.0717	22.50/.886	F810	2777A UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F810	2778A UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.85/1.136	F810	2779A(F) UL
4M2777P STD, .25, .50, .75, 1.00	MAINS		<i>Single oil hole in upper shell. Std width flanges for all sizes.</i>				
	1		66.645/2.6238 66.658/2.6243	1.830/.0720	22.50/.886	F780	2777 UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F780	2778 UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.85/1.136	F780	2779(F) UL
4M2780A .25, .50, .75, 1.00	MAINS		<i>Alternative to 4M2777A with overwidth flanges on undersizes: Std=Std, .25=Std+0.10, .50=Std+0.18, .75=Std+.26, 1.00=Std+0.34</i>				
	1		66.645/2.6238 66.658/2.6243	1.821/.0717	22.50/.886	F810	2777A UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F810	2778A UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.95/1.140	F810	2780A(F) UL
6RB4275 UNB	PISTON PIN BUSH		<i>Set of 6.</i>				
			22.987/.9050 23.000/.9055	1.535/.0604	20.80/.819	F100	6RB4275
RB4275 UNB	PISTON PIN BUSH						
			22.987/.9050 23.000/.9055	1.535/.0604	20.80/.819	F100	RB4275

21 Engine **Year** **Cyl** **Bore x Stroke** **21**

VG20DET 1998cc V6 DOHC 4v Turbo			01/1987 - 12/1992		V6	78.0mm x 69.7mm	
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2675A STD, .25, .50, .75, 1.00	CONROD		<i>Bearing is 18.6mm wide.</i>				
		44.961/1.7701 44.974/1.7706	48.000/1.8898 48.020/1.8905	1.508/.0594	18.60/.732	F810	2675A IH
RACE SERIES 4M2737H STD, .025, .25, .50	MAINS		<i>Upper shell has five oil holes.</i>				
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	22.50/.886	F780	2739H UL
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	19.00/.748	F780	2737H UL
	4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	28.85/1.136	F780	2738H(F) UL
RACE SERIES 4M2737HX STD	MAINS		<i>0.001" extra oil clearance on STD journal. Upper shell has five oil holes.</i>				
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	22.50/.886	F780	2739HX UL
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	19.00/.748	F780	2737HX UL
	4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	28.85/1.136	F780	2738HX(F) UL
4M2777A STD, .25, .50, .75, 1.00	MAINS						
	1		66.645/2.6238 66.658/2.6243	1.821/.0717	22.50/.886	F810	2777A UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F810	2778A UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.85/1.136	F810	2779A(F) UL
4M2777P STD, .25, .50, .75, 1.00	MAINS		<i>Single oil hole in upper shell. Std width flanges for all sizes.</i>				
	1		66.645/2.6238 66.658/2.6243	1.830/.0720	22.50/.886	F780	2777 UL



21 Continued ...							21
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4M2777P STD, .25, .50, .75, 1.00	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F780	2778 UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.85/1.136	F780	2779(F) UL
	MAINS <i>Alternative to 4M2777A with overwidth flanges on undersizes: Std=Std, .25=Std+0.10, .50=Std+0.18, .75=Std+.26, 1.00=Std+0.34</i>						
4M2780A .25, .50, .75, 1.00	1		66.645/2.6238 66.658/2.6243	1.821/.0717	22.50/.886	F810	2777A UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F810	2778A UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.95/1.140	F810	2780A(F) UL
	PISTON PIN BUSH <i>Set of 6. Suits 21mm shaft.</i>						
6RB4074 UNB		21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	6RB4074
	PISTON PIN BUSH <i>Suits 21mm shaft.</i>						
RB4074 UNB		21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	RB4074

22	Engine	Year	Cyl	Bore x Stroke	22
	VG30DE 2960cc V6 DOHC 4v	01/1989 - 12/1997	V6	87.0mm x 83.5mm	
	VG30DET 2960cc V6 DOHC 4v Turbo	01/1988 - 12/1994	V6	87.0mm x 83.0mm	
	VG30DETT 2960cc V6 DOHC 4v Twin Turbo	01/1990 - 12/1995	V6	87.0mm x 83.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
6B2390A STD, .25, .50, .75, 1.00	CONROD	49.961/1.9670	53.000/2.0866	1.506/.0593	17.10/.673	F810	2390A IH	
		49.974/1.9675	53.011/2.0870					
RACE SERIES 6B2390H STD, .025, .25, .50	CONROD	49.961/1.9670	53.000/2.0866	1.503/.0592	17.10/.673	F781	2390H IH	
		49.974/1.9675	53.011/2.0870					
RACE SERIES 6B2390HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.490/.0587	17.10/.673	F781	2390HX IH	
		49.961/1.9670	53.000/2.0866					
49.974/1.9675	53.011/2.0870							
6B2390P STD, .25, .50, .75, 1.00	CONROD	49.961/1.9670	53.000/2.0866	1.506/.0593	17.10/.673	F780	2390 IH	
		49.974/1.9675	53.011/2.0870					
4M2737A STD, .25, .50, .75, 1.00	MAINS	<i>Upper shell has five oil holes.</i>						
		1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	22.50/.886	F810	2739A UL
		2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	19.00/.748	F810	2737A UL
		4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	28.85/1.136	F810	2738A(F) UL
		<i>Upper shell has five oil holes.</i>						
RACE SERIES 4M2737H STD, .025, .25, .50	MAINS	<i>Upper shell has five oil holes.</i>						
		1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	22.50/.886	F780	2739H UL
		2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	19.00/.748	F780	2737H UL
		4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	28.85/1.136	F780	2738H(F) UL
		<i>Upper shell has five oil holes.</i>						
RACE SERIES 4M2737HX STD	MAINS	<i>0.001" extra oil clearance on STD journal. Upper shell has five oil holes.</i>						
		1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	22.50/.886	F780	2739HX UL
		2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	19.00/.748	F780	2737HX UL
		4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	28.85/1.136	F780	2738HX(F) UL
		<i>Upper shell has five oil holes.</i>						

22 Continued ...							22
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4M2737P STD, .25, .50, .75, 1.00		MAINS <i>Upper shell has five oil holes.</i>					
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	22.50/.886	F780	2739 UL
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	19.00/.748	F780	2737 UL
	4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	28.85/1.136	F780	2738(F) UL
6RB4191 UNB		PISTON PIN BUSH <i>Set of 6.</i>		24.980/.9835 25.000/.9843	21.80/.858	F100	6RB4191
RB4191 UNB		PISTON PIN BUSH		24.980/.9835 25.000/.9843	21.80/.858	F100	RB4191

23 Engine	Year	Cyl	Bore x Stroke	23
VG30E 2960cc V6 SOHC 2v	01/1984 - On	V6	87.0mm x 83.0mm	
VG30ET 2960cc V6 SOHC 2v Turbo	01/1984 - 12/1989	V6	87.0mm x 83.0mm	
VG30i 2960cc V6 SOHC 2v	01/1986 - 12/1989	V6	87.0mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2390A STD, .25, .50, .75, 1.00		CONROD					
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.506/.0593	17.10/.673	F810	2390A IH
RACE SERIES 6B2390H STD, .025, .25, .50		CONROD					
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.503/.0592	17.10/.673	F781	2390H IH
RACE SERIES 6B2390HX STD		CONROD <i>0.001" extra oil clearance on STD journal.</i>					
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.490/.0587	17.10/.673	F781	2390HX IH
6B2390P STD, .25, .50, .75, 1.00		CONROD					
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.506/.0593	17.10/.673	F780	2390 IH
RACE SERIES 4M2737H STD, .025, .25, .50		MAINS <i>Upper shell has five oil holes.</i>					
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	22.50/.886	F780	2739H UL
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	19.00/.748	F780	2737H UL
	4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	28.85/1.136	F780	2738H(F) UL
RACE SERIES 4M2737HX STD		MAINS <i>0.001" extra oil clearance on STD journal. Upper shell has five oil holes.</i>					
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	22.50/.886	F780	2739HX UL
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	19.00/.748	F780	2737HX UL
	4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	28.85/1.136	F780	2738HX(F) UL
4M2777A STD, .25, .50, .75, 1.00		MAINS					
	1		66.645/2.6238 66.658/2.6243	1.821/.0717	22.50/.886	F810	2777A UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F810	2778A UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.85/1.136	F810	2779A(F) UL
4M2777P STD, .25, .50, .75, 1.00		MAINS <i>Single oil hole in upper shell. Std width flanges for all sizes.</i>					
	1		66.645/2.6238 66.658/2.6243	1.830/.0720	22.50/.886	F780	2777 UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F780	2778 UL



23 Continued ...							23
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4M2777P STD, .25, .50, .75, 1.00	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.85/1.136	F780	2779(F) UL
MAINS		<i>Alternative to 4M2777A with overwidth flanges on undersizes: Std=Std, .25=Std+0.10, .50=Std+0.18, .75=Std+.26, 1.00=Std+0.34</i>					
4M2780A .25, .50, .75, 1.00	1		66.645/2.6238 66.658/2.6243	1.821/.0717	22.50/.886	F810	2777A UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F810	2778A UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.95/1.140	F810	2780A(F) UL
	PISTON PIN BUSH		<i>Set of 6.</i>				
6RB4190 UNB			23.987/.9444 24.000/.9449		20.80/.819	F100	6RB4190
PISTON PIN BUSH							
RB4190 UNB			23.987/.9444 24.000/.9449		20.80/.819	F100	RB4190

24	Engine	Year	Cyl	Bore x Stroke	24
	VQ20DE 1995cc V6 DOHC 4v	01/1997 - 12/2000	V6		
	VQ25DE 2495cc V6 DOHC 4v	01/2000 - On	V6	85.0mm x 73.3mm	
	VQ25DET 2495cc V6 DOHC 4v Turbo	01/2001 - 12/2004	V6	85.0mm x 73.3mm	
	VQ30DE 2988cc V6 DOHC 4v	01/1995 - On	V6	93.0mm x 73.3mm	
	VQ30DET 2988cc V6 DOHC 4v Turbo	01/1995 - On	V6	93.0mm x 73.3mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2630A STD, .25, .50, .75		44.956/1.7699	48.000/1.8898	1.502/.0591	17.00/.669	F810	2630A IH
		44.974/1.7706	48.013/1.8903				
RACE SERIES							
6B2630H STD, .025, .25		44.956/1.7699	48.000/1.8898	1.502/.0591	17.00/.669	F781	2630H IH
		44.974/1.7706	48.013/1.8903				
RACE SERIES							
6B2630HX STD		44.958/1.7700	48.000/1.8898	1.489/.0586	17.00/.669	F781	2630HX IH
		44.974/1.7706	48.013/1.8903				
CONROD		<i>Grind journal to give clearance 0.034-0.059mm.</i>					
6B2630P STD, .25, .50, .75		44.956/1.7699	48.000/1.8898	1.502/.0591	17.00/.669	F780	2630 IH
		44.974/1.7706	48.013/1.8903				
MAINS							
4M2633A STD, .25, .50, .75, 1.00	1,2,3,4	59.951/2.3603	63.993/2.5194	2.140/.0843	20.12/.792	F810	2633A UL
		59.975/2.3612	64.017/2.5203				
MAINS		<i>This set includes 2T2633-STD for all sizes.</i>					
4M2633A+4T STD, .25, .50		66.500/2.6181	79.250/3.1201		1.94/.076	F817	2633T UL
		66.700/2.6260	79.500/3.1299				
	1,2,3,4	59.951/2.3603	63.993/2.5194	2.140/.0843	20.12/.792	F810	2633A UL
		59.975/2.3612	64.017/2.5203				
RACE SERIES							
4M2633H STD, .025, .25	1,2,3,4	59.951/2.3603	63.993/2.5194	2.009/.0791	20.12/.792	F780	2633H UL
		59.975/2.3612	64.017/2.5203				
RACE SERIES							
4M2633HX STD	1,2,3,4	59.951/2.3603	63.993/2.5194	1.996/.0786	20.12/.792	F780	2633HX UL
		59.975/2.3612	64.017/2.5203				
MAINS		<i>Grind journal to give clearance of 0.035-0.053mm.</i>					
4M2633P .25, .50, .75	1,2,3,4	59.951/2.3603	63.993/2.5194	2.140/.0843	20.12/.792	F780	2633 UL
		59.975/2.3612	64.017/2.5203				
THRUST							
2T2633 STD		66.500/2.6181	79.250/3.1201		1.94/.076	F817	2633T UL
		66.700/2.6260	79.500/3.1299				

24 Continued ... 24

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set contains 6 pieces. To suit 22mm pin.</i>							
6RB4276 UNB, STD			23.980/.9441 24.000/.9449	1.030/.0406	20.80/.819	F100	6RB4276
PISTON PIN BUSH <i>To suit 22mm pin.</i>							
RB4276 UNB, STD			23.980/.9441 24.000/.9449	1.030/.0406	20.80/.819	F100	RB4276

25 Engine Year Cyl Bore x Stroke 25

L13 1296cc Inline4 SOHC 2v	01/1967 - 12/1977	L4	83.0mm x 59.9mm
L14 1428cc Inline4 SOHC 2v	09/1970 - 12/1985	L4	83.0mm x 66.0mm
L16 1595cc Inline4 SOHC 2v	01/1967 - 12/1985	L4	83.0mm x 73.3mm
L18 1770cc Inline4 SOHC 2v	11/1968 - 12/1985	L4	85.0mm x 78.0mm
Z16 1595cc Inline4 SOHC 2v	01/1978 - 12/1988	L4	83.0mm x 73.7mm
Z18 1770cc Inline4 SOHC 2v	01/1978 - 12/1988	L4	85.0mm x 78.0mm
Z18E 1770cc Inline4 SOHC 2v	01/1980 - 12/1988	L4	85.0mm x 78.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B1171A STD, .25, .50, .75, 1.00, 1.50		49.962/1.9670 49.975/1.9675	53.005/2.0868 53.013/2.0871	1.506/.0593	22.10/.870	F810	1171A IH
MAINS							
5M1172A STD, .25, .50, .75, 1.00, 1.50	1,5	54.942/2.1631 54.955/2.1636	58.645/2.3089 58.658/2.3094	1.835/.0722	26.10/1.028	F810	1172A UL
	2,4	54.942/2.1631 54.955/2.1636	58.645/2.3089 58.658/2.3094	1.835/.0722	24.10/.949	F810	1174A UL
	3	54.942/2.1631 54.955/2.1636	58.645/2.3089 58.658/2.3094	1.835/.0722	31.95/1.258	F810	1173A(F) UL

26 Engine Year Cyl Bore x Stroke 26

L20B 1952cc Inline4 SOHC 2v	01/1974 - 02/1986	L4	85.0mm x 86.0mm
LD20-T 1952cc Inline4 SOHC 2v Turbo Diesel	01/1980 - 12/1992	L4	85.0mm x 86.0mm
Z20 1952cc Inline4 SOHC 2v	01/1981 - 02/1997	L4	85.0mm x 86.0mm
Z20E 1952cc Inline4 SOHC 2v	01/1979 - 12/1986	L4	85.0mm x 86.0mm
Z20S 1952cc Inline4 SOHC 2v	01/1979 - 12/1986	L4	85.0mm x 86.0mm
Z22E 2187cc Inline4 SOHC 2v	01/1980 - 01/1987	L4	87.0mm x 92.0mm
Z22S 2187cc Inline4 SOHC 2v	01/1980 - 01/1987	L4	87.0mm x 92.0mm
Z24 2389cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	89.0mm x 96.0mm
Z24i 2389cc Inline4 SOHC 2v	04/1985 - 12/1989	L4	89.0mm x 96.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B1171A STD, .25, .50, .75, 1.00, 1.50		49.962/1.9670 49.975/1.9675	53.005/2.0868 53.013/2.0871	1.506/.0593	22.10/.870	F810	1171A IH
MAINS							
5M1176A STD, .25, .50, .75, 1.00	1	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/.0722	26.10/1.028	F810	1176A UL
	2,4	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.838/.0724	24.10/.949	F810	1177A UL
	3	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.838/.0724	31.95/1.258	F810	1178A(F) IH
	5	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/.0722	26.10/1.028	F810	1176A L
	5	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/.0722	26.10/1.028	F810	1179A U



27	Engine	Year	Cyl	Bore x Stroke	27
	ZD30DD 2953cc Inline4 4v Diesel	04/2000 - On	L4	96.0mm x 102.0mm	
	ZD30DDT 2953cc Inline4 DOHC 4v Turbo Diesel	04/2000 - On	L4	96.0mm x 102.0mm	
	ZD30DDTi 2953cc Inline4 DOHC 4v Turbo Diesel	04/2000 - On	L4	96.0mm x 102.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2966A STD, .25, .50, .75, 1.00		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.513/.0596	26.10/1.028	F810	2966A IH
RACE SERIES							
4B2966H STD, .025, .25		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.510/.0594	26.10/1.028	F781	2966H IH
RACE SERIES							
4B2966HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.497/.0589	26.10/1.028	F781	2966HX IH
MAINS							
5M2678A STD, .25, .50, .75, 1.00	1,2,3,4,5	70.900/2.7913 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.014/.0793	26.00/1.024	F810	2678A UL
RACE SERIES							
5M2965H STD, .025, .25	1,2,3,4,5	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.010/.0791	26.00/1.024	F780	2965H UL
RACE SERIES							
5M2965HX STD	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.997/.0786	26.00/1.024	F780	2965HX UL
THRUST							
1T2678 STD			93.800/3.6929 94.000/3.7008		2.36/.093	F817	2678T IH
BALANCE							
4B52938 STD		50.875/2.0029 50.895/2.0037 50.675/1.9951 50.695/1.9959	53.990/2.1256 54.010/2.1264 53.790/2.1177 53.810/2.1185	1.525/.0600 1.525/.0600	16.00/.630 21.00/.827	F820 F820	2939A 2938A
PISTON PIN BUSH							
4RB4280 UNB		<i>Set of 4.</i>		36.000/1.4173	1.530/.0602	F100	4RB4280
PISTON PIN BUSH							
4RB4281 UNB		<i>Tapered Bush. Set of 4.</i>		36.000/1.4173	1.530/.0602	F100	4RB4281
PISTON PIN BUSH							
RB4280 UNB			36.000/1.4173	1.530/.0602	33.00/1.299	F100	RB4280
PISTON PIN BUSH							
RB4281 UNB		<i>Tapered bush.</i>		36.000/1.4173	1.530/.0602	F100	RB4281

28	Engine	Year	Cyl	Bore x Stroke	28
	VQ35HR 3498cc V6 DOHC 4v	08/2006 - On	V6	95.5mm x 81.4mm	
	VQ37VHR 3696cc V6 DOHC 4v	01/2008 - On	V6	95.5mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES							
1M2505H STD-0, Std-1, Std-2, Std-3, St		64.951/2.5571 64.975/2.5581	69.993/2.7556 70.017/2.7566		20.00/.787	F780	2505H UL
RACE SERIES							
4M2505H STD, .25	1,2,3,4	64.951/2.5571 64.975/2.5581	69.993/2.7556 70.017/2.7566		20.00/.787	F780	2505H UL
THRUST							
1T2505 STD		71.500/2.8150 71.700/2.8228	89.750/3.5335 90.000/3.5433		1.94/.076	F817	2505T IH



29	Engine	Year	Cyl	Bore x Stroke	29
	MR18DE 1798cc Inline4 DOHC 4v	01/2004 - On	L4	84.0mm x 81.1mm	
	MR20DE 1997cc Inline4 DOHC 4v	01/2006 - On	L4	84.0mm x 90.1mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2907A STD, .25, .50, .75, 1.00			47.000/1.8504 47.020/1.8512	1.506/.0593	16.00/.630	F810	2907A IH
MAINS							
5M2905A STD, .25, .50, .75, 1.00	1,2,3,4,5	51.959/2.0456 51.979/2.0464	56.000/2.2047 56.020/2.2055	2.000/.0787	17.10/.673	F810	2905A UL
RACE SERIES							
5M2905H Std, .025, .25	1,2,3,4,5	51.959/2.0456 51.979/2.0464	56.000/2.2047 56.020/2.2055	2.010/.0791	17.00/.669	F780	2905H UL
RACE SERIES							
5M2905HX Std	1,2,3,4,5	51.959/2.0456 51.979/2.0464	56.000/2.2047 56.020/2.2055	1.997/.0786	17.00/.669	F780	2905HX UL
THRUST							
1T2905 STD		58.700/2.3110 58.950/2.3209	76.500/3.0118 76.750/3.0216		2.21/.087	F817	2905T IH

30	Engine	Year	Cyl	Bore x Stroke	30
	ED35 3465cc Inline4 SOHC 2v Diesel	01/1990 - On	L4	102.5mm x 105.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2776P STD, .25, .50, .75, 1.00		61.920/2.4378 61.945/2.4388	65.980/2.5976 66.000/2.5984	1.998/.0787	32.00/1.260	F780	2776 IH
MAINS							
5M2775A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.920/2.9890 75.940/2.9898	79.980/3.1488 80.000/3.1496	1.995/.0785	28.00/1.102	F810	2775A UL
THRUST							
2T2775 STD		86.000/3.3858 86.000/3.3858	101.800/4.0079 101.800/4.0079		3.00/.118	F100	2775T UL

31	Engine	Year	Cyl	Bore x Stroke	31
	MR16DDT 1618cc Inline4 DOHC 4v Turbo	01/2011 - On	L4	79.7mm x 81.1mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS							
5M2905A STD, .25, .50, .75, 1.00	1,2,3,4,5	51.959/2.0456 51.979/2.0464	56.000/2.2047 56.020/2.2055	2.000/.0787	17.10/.673	F810	2905A UL
RACE SERIES							
5M2905H Std, .025, .25	1,2,3,4,5	51.959/2.0456 51.979/2.0464	56.000/2.2047 56.020/2.2055	2.010/.0791	17.00/.669	F780	2905H UL
RACE SERIES							
5M2905HX Std	1,2,3,4,5	51.959/2.0456 51.979/2.0464	56.000/2.2047 56.020/2.2055	1.997/.0786	17.00/.669	F780	2905HX UL
THRUST							
1T2905 STD		58.700/2.3110 58.950/2.3209	76.500/3.0118 76.750/3.0216		2.21/.087	F817	2905T IH

32	Engine	Year	Cyl	Bore x Stroke	32
	K9K 1461cc Inline4 SOHC 2v Turbo Diesel	01/2003 - On	L4	76.0mm x 80.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Bearings have no notch.</i>							
4B5506P STD, .25, .50		43.960/1.7307 43.980/1.7315	47.610/1.8744 47.628/1.8751	1.815/.0715	20.75/.817	F780	5506 U
		43.960/1.7307 43.980/1.7315	47.610/1.8744 47.628/1.8751	1.806/.0711	17.75/.699	F810	5526A L



32	Continued ...							32
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	

THRUST							
1T7809 STD		53.500/2.1063 53.750/2.1161	73.750/2.9035 74.000/2.9134		2.85/.112	F817	7809T IH

33	Engine	Year	Cyl	Bore x Stroke	33
	VR38DETT 3799cc V6 DOHC 4v Twin Turbo	01/2007 - On	V6	95.5mm x 88.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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RACE SERIES		CONROD	<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
1B2500H STD-0, Std-1, Std-2			55.943/2.2025 55.961/2.2032	59.000/2.3228 59.013/2.3233		19.00/.748	F781	2500H IH
RACE SERIES		CONROD						
6B2500H STD, .25			55.943/2.2025 55.961/2.2032	59.000/2.3228 59.013/2.3233		19.00/.748	F781	2500H IH
RACE SERIES		MAINS	<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
1M2505H STD-0, Std-1, Std-2, Std-3, St			64.951/2.5571 64.975/2.5581	69.993/2.7556 70.017/2.7566		20.00/.787	F780	2505H UL
RACE SERIES		MAINS	1,2,3,4					
4M2505H STD, .25			64.951/2.5571 64.975/2.5581	69.993/2.7556 70.017/2.7566		20.00/.787	F780	2505H UL
RACE SERIES		THRUST						
1T2505 STD			71.500/2.8150 71.700/2.8228	89.750/3.5335 90.000/3.5433		1.94/.076	F817	2505T IH

34	Engine	Year	Cyl	Bore x Stroke	34
	SR18DE 1838cc Inline4 DOHC 4v	01/1989 - 12/1999	L4	82.5mm x 86.0mm	
	SR18Di 1838cc Inline4 DOHC 4v	01/1990 - 12/1993	L4	82.5mm x 86.0mm	
	SR20DE 1998cc Inline4 DOHC 4v	01/1990 - 01/2001	L4	86.0mm x 86.0mm	
	SR20DET 1998cc Inline4 DOHC 4v Turbo	10/1990 - 12/2002	L4	86.0mm x 86.0mm	
	SR20Di 1998cc Inline4 DOHC 4v	01/1991 - 07/1994	L4	86.0mm x 86.0mm	
	SR20VE 1998cc Inline4 DOHC 4v	01/1997 - 12/2003	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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RACE SERIES		CONROD						
4B2960A STD, .25, .50, .75, 1.00			47.956/1.8880 47.974/1.8887	51.000/2.0079 51.013/2.0084	1.503/.0592	17.10/.673	F810	2960A IH
RACE SERIES		CONROD						
4B2960H STD, .025, .25, .50			47.956/1.8880 47.974/1.8887	51.000/2.0079 51.013/2.0084	1.503/.0592	17.10/.673	F781	2960H IH
RACE SERIES		CONROD		<i>0.001" extra oil clearance on STD journal.</i>				
4B2960HX STD			47.956/1.8880 47.974/1.8887	51.000/2.0079 51.013/2.0084	1.490/.0587	17.10/.673	F781	2960HX IH
RACE SERIES		CONROD						
4B2960P STD, .25, .50, .75, 1.00			47.956/1.8880 47.974/1.8887	51.000/2.0079 51.013/2.0084	1.503/.0592	17.10/.673	F780	2960 IH
RACE SERIES		MAINS	1,2,3,4,5					
5M2964A STD, .25, .50, .75			54.956/2.1636 54.980/2.1646	58.944/2.3206 58.968/2.3216	1.980/.0780	19.10/.752	F810	2964A UL
RACE SERIES		MAINS	1,2,3,4,5					
5M2964H STD, .025, .25, .50			54.956/2.1636 54.980/2.1646	58.944/2.3206 58.968/2.3216	1.975/.0778	19.10/.752	F780	2964H UL
RACE SERIES		MAINS	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>				
5M2964HX STD			54.956/2.1636 54.980/2.1646	58.944/2.3206 58.968/2.3216	1.962/.0772	19.10/.752	F780	2964HX UL
RACE SERIES		MAINS	1,2,3,4,5					
5M2964P STD, .25, .50, .75			54.956/2.1636 54.980/2.1646	58.944/2.3206 58.968/2.3216	1.980/.0780	19.10/.752	F780	2964 UL



34 Continued ... 34

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1T2964 STD	THRUST	61.500/2.4213 61.750/2.4311	83.050/3.2697 83.300/3.2795		1.95/.077	F817	2964T U
4RB4274 UNB, STD	PISTON PIN BUSH	<i>Set of 4.</i>		24.998/.9842	1.530/.0602	F100	4RB4274
RB4274 UNB, STD	PISTON PIN BUSH		24.998/.9842	1.530/.0602	22.80/.898	F100	RB4274

35 Engine Year Cyl Bore x Stroke 35

VK45DD 4494cc V8 DOHC 4v	01/2001 - 12/2010	V8	93.0mm x 82.7mm
VK45DE 4494cc V8 DOHC 4v	01/2002 - On	V8	93.0mm x 82.7mm
VK50VE 5026cc V8 DOHC 4v	01/2009 - On	V8	95.5mm x 87.7mm
VK56DE 5552cc V8 DOHC 4v	01/2004 - On	V8	98.0mm x 92.0mm
VK56VD 5552cc V8 DOHC 4v	01/2010 - On	V8	98.0mm x 92.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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8B2990A STD, .25, .50, .75	CONROD	53.962/2.1245 53.974/2.1250	57.000/2.2441 57.013/2.2446	1.508/.0594	18.30/.721	F810	2990A IH
RACE SERIES 8B2990H Std, .025, .25	CONROD	53.962/2.1245 53.974/2.1250	57.000/2.2441 57.013/2.2446	1.508/.0594	18.30/.721	F781	2990H IH
RACE SERIES 8B2990HX Std	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.495/.0589	18.30/.721	F781	2990HX IH
8B2990P STD, .25, .50, .75	CONROD	53.962/2.1245 53.974/2.1250	57.000/2.2441 57.013/2.2446	1.500/.0591	18.30/.721	F780	2990 IH
5M2995A STD, .25, .50	MAINS 1,2,3,4,5	63.952/2.5178 63.962/2.5182	68.944/2.7143 68.968/2.7153	2.495/.0982	20.10/.791	F810	2995A UL
RACE SERIES 5M2995H Std, .025, .25	MAINS 1,2,3,4,5	63.952/2.5178 63.962/2.5182	68.944/2.7143 68.968/2.7153	2.495/.0982	20.10/.791	F780	2995H UL
RACE SERIES 5M2995HX Std	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		2.482/.0977	20.10/.791	F780	2995HX UL
5M2995P STD, .25, .50	MAINS 1,2,3,4,5	63.952/2.5178 63.962/2.5182	68.944/2.7143 68.968/2.7153	2.495/.0982	20.10/.791	F780	2995 UL
2T2995 STD	THRUST	70.750/2.7854 71.000/2.7953	84.750/3.3366 85.000/3.3465		1.96/.077	F817	2995T UL

36 Engine Year Cyl Bore x Stroke 36

CA18P 1809cc Inline4 SOHC 8v	01/1985 - On	L4	83.0mm x 83.6mm
CA20P 1974cc Inline4 SOHC 2v	01/1985 - On	L4	84.5mm x 88.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B8570A STD, .25, .50, .75, 1.00	CONROD	<i>To suit 50mm shaft.</i>		1.498/.0590	20.10/.791	F810	8570A IH
5M1633A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	<i>Plain bearings 20mm wide.</i>		1.830/.0720	20.00/.787	F810	1633A UL
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.835/.0722	27.95/1.100	F810	1635A(F) UL
		52.951/2.0847 52.964/2.0852	56.667/2.2310 56.667/2.2310				



36 Continued ...							36	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES 5M1633H STD, .025, .25, .50	MAINS 1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.827/.0719	20.00/.787	F780	1633H UL	
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.832/.0721	27.95/1.100	F780	1635H(F) UL	
RACE SERIES 5M1633HX STD	MAINS 1,2,4,5	<i>0.001" extra oil clearance on STD journal.</i>			1.814/.0714	20.00/.787	F780	1633HX UL
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.819/.0716	27.95/1.100	F780	1635HX(F) UL	
5M1633P STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	<i>Plain bearings 20mm wide.</i>			1.830/.0720	20.00/.787	F780	1633 UL
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.835/.0722	27.95/1.100	F780	1635(F) UL	
5M8572A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	<i>Plain bearings 22.1mm wide.</i>			1.829/.0720	22.10/.870	F810	8572A UL
	3	52.950/2.0846 52.967/2.0853	56.660/2.2307 56.680/2.2315	1.829/.0720	27.95/1.100	F810	8573A(F) UL	

37 Engine			Year	Cyl	Bore x Stroke	37	
CG10DE 998cc Inline4 DOHC 4v			08/1992 - 10/2002	L4	71.0mm x 63.0mm		
CG13DE 1275cc Inline4 DOHC 4v			08/1992 - 07/2000	L4	71.0mm x 80.5mm		
CGA3DE 1348cc Inline4 DOHC 4v			07/2000 - 10/2002	L4	72.0mm x 82.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2660A STD, .25, .50, .75, 1.00	CONROD	39.961/1.5733 39.974/1.5738	43.000/1.6929 43.013/1.6934	1.508/.0594	15.00/.591	F810	2660A IH
	MAINS 1,2,3,4,5		49.000/1.9291 49.013/1.9296	2.010/.0791	16.00/.630	F810	2665A UL
1T2665 STD	THRUST	51.000/2.0079 51.250/2.0177	60.000/2.3622 60.250/2.3720		1.97/.078	F817	2665T IH

38 Engine			Year	Cyl	Bore x Stroke	38	
D11 1138cc Inline4 OHV 2v			01/1966 - 12/1978	L4	73.0mm x 68.0mm		
D12 1189cc Inline4 OHV 2v			10/1968 - 08/1970	L4	73.0mm x 71.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2941A STD, .25, .50, .75, 1.00	CONROD	43.960/1.7307 43.980/1.7315	47.000/1.8504 47.020/1.8512	1.505/.0593	25.10/.988	F810	2941A IH
	MAINS 1,3	52.290/2.0587 52.300/2.0591	56.000/2.2047 56.030/2.2059	1.840/.0724	30.10/1.185	F810	2932A IH
3M2932A STD, .25, .50, .75, 1.00	2	52.290/2.0587 52.300/2.0591	56.000/2.2047 56.030/2.2059	1.840/.0724	34.10/1.343	F810	2933A IH
	THRUST	56.261/2.2150 56.515/2.2250	69.596/2.7400 69.850/2.7500		2.36/.093	F1	4302T UL

39 Engine		Year		Cyl	Bore x Stroke	39	
LD23 2283cc Inline4 SOHC 2v Diesel		01/1983 - On		L4	87.0mm x 96.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1297A STD, .25, .50, .75, 1.00				1.497/.0589	25.10/.988	F810	1297A IH
MAINS							
5M1298A STD, .25, .50, .75, 1.00				1.830/.0720	20.00/.787	F810	1298A UL
				1.830/.0720	22.00/.866	F810	1299A UL
THRUST							
2T1298 STD, .125, .25					2.00/.079	F817	1298T UL

40 Engine		Year		Cyl	Bore x Stroke	40	
VH41 4130cc V8 DOHC 4v		01/1991 - 12/2001		V8	93.0mm x 76.0mm		
VH45 4494cc V8 DOHC 4v		01/1989 - 12/2002		V8	92.0mm x 83.7mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B2570P STD, .25			55.013/2.1659	1.509/.0594	18.20/.717	F780	2570 UL
MAINS							
5M2597P STD, .25				2.496/.0983	20.00/.787	F780	2597 UL
				2.496/.0983	22.30/.878	F780	2598 UL
				2.496/.0983	21.30/.839	F780	2599 UL
THRUST							
2T2597 STD		70.500/2.7756	85.000/3.3465		1.95/.077	F817	2597T UL
		70.750/2.7854	85.250/3.3563				
PISTON PIN BUSH <i>Set contains 8 pieces.</i>							
8RB4279 UNB						F100	8RB4279
PISTON PIN BUSH							
RB4279 UNB						F100	RB4279

41 Engine		Year		Cyl	Bore x Stroke	41	
H4M 1598cc Inline4 DOHC 4v		04/2009 - On		L4	78.0mm x 83.6mm		
HR15DE 1498cc Inline4 DOHC 4v		09/2004 - On		L4	78.0mm x 78.4mm		
HR16DE 1598cc Inline4 DOHC 4v		07/2005 - On		L4	78.0mm x 83.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2634A STD, .25, .50, .75, 1.00			43.000/1.6929	1.510/.0594	15.00/.591	F810	2634A IH
			43.020/1.6937				
MAINS							
5M2635A STD, .25, .50, .75, 1.00	1,2,3,4,5		51.997/2.0471	2.005/.0789	16.00/.630	F810	2635A UL
			52.020/2.0480				
THRUST							
1T2635 STD	4		73.750/2.9035		1.96/.077	F817	2635T IH
			74.000/2.9134				



42 Engine				Year	Cyl	Bore x Stroke	42
VQ40DE 3954cc V6 DOHC 4v				01/2005 - On	V6	95.5mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2538P STD, .25, .50, .75, 1.00			56.980/2.2433 57.000/2.2441	1.505/.0593	17.10/.673	F780	2538 IH
MAINS <i>Two slots and one hole in upper, plain lower.</i>							
4M2539A STD, .25, .50, .75, 1.00	1,2,3,4			2.506/.0987	20.10/.791	F810	2539A UL
THRUST							
1T2539 STD			76.800/3.0236		2.20/.087	F817	2539T IH
43 Engine				Year	Cyl	Bore x Stroke	43
TB48DE 4759cc Inline6 DOHC 4v				10/2001 - On	L6	99.5mm x 102.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2955A STD, .25, .50, .75		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.517/.0597	26.10/1.028	F810	2955A IH
RACE SERIES CONROD							
6B2955H STD, .025, .25		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.512/.0595	26.10/1.028	F781	2955H IH
RACE SERIES CONROD <i>0.001" extra oil clearance on STD journal.</i>							
6B2955HX STD		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.499/.0590	26.10/1.028	F781	2955HX IH
CONROD							
6B2955P STD, .25, .50, .75		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.517/.0597	26.10/1.028	F780	2955 IH
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4273 UNB				1.540/.0606	25.50/1.004	F100	6RB4273
PISTON PIN BUSH							
RB4273 UNB				1.540/.0606	25.50/1.004	F100	RB4273
44 Engine				Year	Cyl	Bore x Stroke	44
VQ35DE 3498cc V6 DOHC 4v				02/2003 - On	V6	95.5mm x 81.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2640A STD, .25, .50, .75		51.956/2.0455 51.975/2.0463	55.000/2.1654 55.013/2.1659	1.502/.0591	17.00/.669	F810	2640A IH
RACE SERIES CONROD							
6B2640H STD, .025, .25		51.956/2.0455 51.975/2.0463	55.000/2.1654 55.013/2.1659	1.502/.0591	17.00/.669	F781	2640H IH
RACE SERIES CONROD <i>0.001" extra oil clearance on STD journal.</i>							
6B2640HX STD		51.956/2.0455 51.975/2.0463	55.000/2.1654 55.013/2.1659	1.489/.0586	17.00/.669	F781	2640HX IH
CONROD							
6B2640P STD, .25, .50, .75		51.956/2.0455 51.975/2.0463	55.000/2.1654 55.013/2.1659	1.502/.0591	17.00/.669	F780	2640 IH
MAINS							
4M2633A STD, .25, .50, .75, 1.00	1,2,3,4	59.951/2.3603 59.975/2.3612	63.993/2.5194 64.017/2.5203	2.140/.0843	20.12/.792	F810	2633A UL
MAINS <i>This set includes 2T2633-STD for all sizes.</i>							
4M2633A+4T STD, .25, .50	1,2,3,4	66.500/2.6181 66.700/2.6260 59.951/2.3603 59.975/2.3612	79.250/3.1201 79.500/3.1299 63.993/2.5194 64.017/2.5203	2.140/.0843	1.94/.076 20.12/.792	F817 F810	2633T UL 2633A UL



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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 4M2633H STD, .025, .25	MAINS 1,2,3,4	59.951/2.3603 59.975/2.3612	63.993/2.5194 64.017/2.5203	2.009/.0791	20.12/.792	F780	2633H UL
RACE SERIES 4M2633HX STD	MAINS 1,2,3,4	<i>0.001" extra oil clearance on STD journal.</i>		1.996/.0786	20.12/.792	F780	2633HX UL
4M2633P .25, .50, .75	MAINS 1,2,3,4	<i>Grind journal to give clearance of 0.035-0.053mm.</i>		2.140/.0843	20.12/.792	F780	2633 UL
2T2633 STD	THRUST	66.500/2.6181 66.700/2.6260	79.250/3.1201 79.500/3.1299		1.94/.076	F817	2633T UL
6RB4128 UNB	PISTON PIN BUSH	<i>Set contains 6 pieces.</i>		1.800/.0709	25.50/1.004	F100	6RB4128
RB4128 UNB	PISTON PIN BUSH			1.800/.0709	25.50/1.004	F100	RB4128

45 Engine Year Cyl Bore x Stroke 45

TD42T 4169cc Inline6 OHV 2v Turbo Diesel 01/1996 - On L6 96.0mm x 96.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 6B2966H STD, .025, .25	CONROD	56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.510/.0594	26.10/1.028	F781	2966H IH
RACE SERIES 6B2966HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.497/.0589	26.10/1.028	F781	2966HX IH
6B2966P STD, .25, .50, .75	CONROD	56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.513/.0596	26.10/1.028	F780	2966 IH
RACE SERIES 7M2965H STD, .025, .25	MAINS 1,2,3,4,5,6,7	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.010/.0791	26.00/1.024	F780	2965H UL
RACE SERIES 7M2965HX STD	MAINS 1,2,3,4,5,6,7	<i>0.001" extra oil clearance on STD journal.</i>		1.997/.0786	26.00/1.024	F780	2965HX UL
7M2965P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6,7	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.013/.0793	26.00/1.024	F780	2965 UL
2T1367 STD	THRUST	78.610/3.0949 78.870/3.1051	93.472/3.6800 93.726/3.6900		2.32/.092	F817	1367T UL
7C4065 STD	CAMS	50.140/1.9740 50.140/1.9740	53.230/2.0957 53.230/2.0957 52.600/2.0709	1.520/.0598 1.520/.0598	22.00/.866 22.00/.866	F830 F23	4058 4066
		49.940/1.9661 49.940/1.9661	53.030/2.0878 53.030/2.0878	1.520/.0598	22.00/.866	F830	4059
		50.340/1.9819 50.340/1.9819	53.430/2.1035 53.430/2.1035	1.520/.0598	22.00/.866	F830	4057
		50.540/1.9898 50.540/1.9898	53.630/2.1114 53.630/2.1114	1.520/.0598	22.00/.866	F830	4056
		50.740/1.9976 50.740/1.9976	53.830/2.1193 53.830/2.1193	1.520/.0598	20.50/.807	F830	4055
			52.800/2.0787	1.520/.0598	22.00/.866	F23	4065



45 Continued ...								45
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	PISTON PIN BUSH		<i>Set of 6.</i>					
6RB4112 UNB				1.525/.0600	32.80/1.291	F100	6RB4112	
	PISTON PIN BUSH							
RB4112 UNB				1.525/.0600	32.80/1.291	F100	RB4112	
46 Engine				Year	Cyl	Bore x Stroke	46	
ED6 5654cc Inline6 2v Diesel				01/1973 - 04/1983	L6			
FD6 5654cc Inline6 2v Diesel				01/1973 - 12/1990	L6			
FD6-T 5654cc Inline6 2v Turbo Diesel				01/1973 - 12/1989	L6			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	CONROD							
6B2776P STD, .25, .50, .75, 1.00		61.920/2.4378	65.980/2.5976	1.998/.0787	32.00/1.260	F780	2776 IH	
		61.945/2.4388	66.000/2.5984					
	THRUST							
2T2775 STD		86.000/3.3858	101.800/4.0079		3.00/.118	F100	2775T UL	
		86.000/3.3858	101.800/4.0079					
47 Engine				Year	Cyl	Bore x Stroke	47	
FJ20E 1990cc Inline4 DOHC 4v				01/1982 - 12/1988	L4	89.0mm x 80.0mm		
FJ20-ET 1990cc Inline4 DOHC 4v Turbo				01/1982 - 12/1984	L4	89.0mm x 80.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	CONROD							
4B1171A STD, .25, .50, .75, 1.00, 1.50		49.962/1.9670	53.005/2.0868	1.506/.0593	22.10/.870	F810	1171A IH	
		49.975/1.9675	53.013/2.0871					
	MAINS							
5M1224A STD, .25	1,5	54.940/2.1630		1.827/.0719	26.10/1.028	F810	1224A UL	
		54.955/2.1636						
	2,4	54.940/2.1630		1.827/.0719	24.10/.949	F810	1225A UL	
		54.955/2.1636						
3	54.940/2.1630		1.827/.0719	26.95/1.061	F810	1226A(F) UL		
	54.955/2.1636							
	PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4268 UNB			24.700/.9724	1.380/.0543	23.60/.929	F100	4RB4268	
	PISTON PIN BUSH							
RB4268 UNB		21.990/.8657 22.000/.8661	24.700/.9724	1.380/.0543	23.60/.929	F100	RB4268	
48 Engine				Year	Cyl	Bore x Stroke	48	
RB20DE 1998cc Inline6 DOHC 4v				01/1985 - 12/1995	L6	78.0mm x 69.7mm		
RB20DET 1998cc Inline6 DOHC 4v Turbo				01/1984 - 12/1993	L6	78.0mm x 70.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	CONROD							
6B2630A STD, .25, .50, .75		44.956/1.7699	48.000/1.8898	1.502/.0591	17.00/.669	F810	2630A IH	
		44.974/1.7706	48.013/1.8903					
RACE SERIES	CONROD							
6B2630H STD, .025, .25		44.956/1.7699	48.000/1.8898	1.502/.0591	17.00/.669	F781	2630H IH	
		44.974/1.7706	48.013/1.8903					
RACE SERIES	CONROD		<i>0.001" extra oil clearance on STD journal.</i>					
6B2630HX STD		44.958/1.7700	48.000/1.8898	1.489/.0586	17.00/.669	F781	2630HX IH	
		44.974/1.7706	48.013/1.8903					
	CONROD		<i>Grind journal to give clearance 0.034-0.059mm.</i>					
6B2630P STD, .25, .50, .75		44.956/1.7699	48.000/1.8898	1.502/.0591	17.00/.669	F780	2630 IH	
		44.974/1.7706	48.013/1.8903					

48 Continued ... **48**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
7M2394A STD, .25, .50, .75	MAINS 1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	19.12/.753	F810	2394A UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	26.95/1.061	F810	2395A(F) UL
RACE SERIES 7M2394H STD, .025, .25, .50	MAINS 1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/.0719	19.12/.753	F780	2394H UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/.0719	26.95/1.061	F780	2395H(F) UL
RACE SERIES 7M2394HX STD	MAINS 1,2,3,4,5,6	<i>0.001" extra oil clearance on STD journal.</i> 54.951/2.1634 54.975/2.1644		1.814/.0714	19.12/.753	F780	2394HX UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.814/.0714	26.95/1.061	F780	2395HX(F) UL
7M2394P STD, .25, .50, .75	MAINS 1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	19.12/.753	F780	2394 UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	26.95/1.061	F780	2395(F) UL
6RB4074 UNB	PISTON PIN BUSH <i>Set of 6. Suits 21mm shaft.</i>	21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	6RB4074
	PISTON PIN BUSH <i>Suits 21mm shaft.</i>	21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	RB4074

49	Engine	Year	Cyl	Bore x Stroke	49
	CA16DE 1598cc Inline4 DOHC 4v	01/1979 - 01/1992	L4	78.0mm x 83.6mm	
	CA18DE 1809cc Inline4 DOHC 4v	01/1988 - 12/1991	L4	83.0mm x 83.6mm	
	CA18DET 1809cc Inline4 DOHC 4v Turbo	01/1988 - 12/1991	L4	83.0mm x 83.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1630A STD, .25, .50, .75, 1.00	CONROD <i>To suit 45mm shaft.</i>	44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.508/.0594	18.60/.732	F810	1630A IH
	RACE SERIES 4B1630H STD, .025, .25, .50	44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.505/.0593	18.60/.732	F781	1630H IH
RACE SERIES 4B1630HX STD	CONROD <i>0.001" extra oil clearance on STD journal.</i>	44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.492/.0587	18.60/.732	F781	1630HX IH
	CONROD <i>To suit 45mm shaft.</i>	44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.508/.0594	18.60/.732	F780	1630 IH
5M1633A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.830/.0720	20.00/.787	F810	1633A UL
	3	52.951/2.0847 52.964/2.0852	56.667/2.2310 56.667/2.2310	1.835/.0722	27.95/1.100	F810	1635A(F) UL
RACE SERIES 5M1633H STD, .025, .25, .50	MAINS 1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.827/.0719	20.00/.787	F780	1633H UL
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.832/.0721	27.95/1.100	F780	1635H(F) UL
RACE SERIES 5M1633HX STD	MAINS 1,2,4,5	<i>0.001" extra oil clearance on STD journal.</i> 52.951/2.0847 52.964/2.0852		1.814/.0714	20.00/.787	F780	1633HX UL



49 Continued ...							49
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1633HX STD	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.819/.0716	27.95/1.100	F780	1635HX(F) UL
MAINS		<i>Plain bearings 20mm wide.</i>					
5M1633P STD, .25, .50, .75, 1.00	1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.830/.0720	20.00/.787	F780	1633 UL
	3	52.951/2.0847 52.964/2.0852	56.667/2.2310 56.667/2.2310	1.835/.0722	27.95/1.100	F780	1635(F) UL
MAINS		<i>Plain bearings 22.1mm wide.</i>					
5M8572A STD, .25, .50, .75, 1.00	1,2,4,5	52.950/2.0846 52.967/2.0853	56.660/2.2307 56.680/2.2315	1.829/.0720	22.10/.870	F810	8572A UL
	3	52.950/2.0846 52.967/2.0853	56.660/2.2307 56.680/2.2315	1.829/.0720	27.95/1.100	F810	8573A(F) UL
PISTON PIN BUSH		<i>Set of 4. Suits 20mm shaft.</i>					
4RB4265 UNB			22.987/.9050 23.000/.9055	1.530/.0602	20.80/.819	F100	4RB4265
PISTON PIN BUSH		<i>Suits 20mm shaft.</i>					
RB4265 UNB			22.987/.9050 23.000/.9055	1.530/.0602	20.80/.819	F100	RB4265

50 Engine				Year	Cyl	Bore x Stroke	50
VG33E 3275cc V6 SOHC 2v				01/1996 - On	V6	92.0mm x 83.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2390A STD, .25, .50, .75, 1.00	CONROD	49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.506/.0593	17.10/.673	F810	2390A IH
RACE SERIES 6B2390H STD, .025, .25, .50	CONROD	49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.503/.0592	17.10/.673	F781	2390H IH
RACE SERIES 6B2390HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		4.990/.0587	17.10/.673	F781	2390HX IH
6B2390P STD, .25, .50, .75, 1.00	CONROD	49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.506/.0593	17.10/.673	F780	2390 IH
RACE SERIES 4M2737H STD, .025, .25, .50	MAINS	<i>Upper shell has five oil holes.</i>					
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	22.50/.886	F780	2739H UL
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	19.00/.748	F780	2737H UL
	4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	28.85/1.136	F780	2738H(F) UL
RACE SERIES 4M2737HX STD	MAINS	<i>0.001" extra oil clearance on STD journal. Upper shell has five oil holes.</i>					
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	22.50/.886	F780	2739HX UL
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	19.00/.748	F780	2737HX UL
	4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	28.85/1.136	F780	2738HX(F) UL
4M2777P STD, .25, .50, .75, 1.00	MAINS	<i>Single oil hole in upper shell. Std width flanges for all sizes.</i>					
	1		66.645/2.6238 66.658/2.6243	1.830/.0720	22.50/.886	F780	2777 UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F780	2778 UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.85/1.136	F780	2779(F) UL



50 Continued ...							50
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS		<i>Alternative to 4M2777A with overwidth flanges on undersizes: Std=Std, .25=Std+0.10, .50=Std+0.18, .75=Std+.26, 1.00=Std+0.34</i>					
4M2780A .25, .50, .75, 1.00	1		66.645/2.6238 66.658/2.6243	1.821/.0717	22.50/.886	F810	2777A UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F810	2778A UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.95/1.140	F810	2780A(F) UL

51 Engine				Year	Cyl	Bore x Stroke	51
TD23 2289cc Inline4 OHV 2v Diesel				01/1982 - 12/1986	L4	89.0mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2948A STD, .25, .50, .75, 1.00		52.910/2.0831	59.987/2.3617	1.513/.0596	26.10/1.028	F810	2948A IH
		52.926/2.0837	56.010/2.2051				
MAINS							
5M2965A STD, .25, .50, .75, 1.00	1,2,3,4,5	70.907/2.7916	74.981/2.9520	2.013/.0793	26.00/1.024	F810	2965A UL
		70.920/2.7921	75.000/2.9528				
RACE SERIES							
5M2965H STD, .025, .25	1,2,3,4,5	70.907/2.7916	74.981/2.9520	2.010/.0791	26.00/1.024	F780	2965H UL
		70.920/2.7921	75.000/2.9528				
RACE SERIES							
5M2965HX STD	1,2,3,4,5	70.907/2.7916	74.981/2.9520	1.997/.0786	26.00/1.024	F780	2965HX UL
		70.920/2.7921	75.000/2.9528				
THRUST							
2T1367 STD		78.610/3.0949	93.472/3.6800		2.32/.092	F817	1367T UL
		78.870/3.1051	93.726/3.6900				
CAMS							
5C4055 STD	1	50.740/1.9976	53.830/2.1193	1.520/.0598	20.50/.807	F830	4055
		50.740/1.9976	53.830/2.1193				
	2	50.540/1.9898	53.630/2.1114	1.520/.0598	22.00/.866	F830	4056
		50.540/1.9898	53.630/2.1114				
	3	50.340/1.9819	53.430/2.1035	1.520/.0598	22.00/.866	F830	4057
	50.340/1.9819	53.430/2.1035					
	4	50.140/1.9740	53.230/2.0957	1.520/.0598	22.00/.866	F830	4058
		50.140/1.9740	53.230/2.0957				
	5	49.940/1.9661	53.030/2.0878	1.520/.0598	22.00/.866	F830	4059
		49.940/1.9661	53.030/2.0878				
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4282 UNB			29.000/1.1417	1.525/.0600	33.00/1.299	F100	4RB4282
PISTON PIN BUSH							
RB4282 UNB			29.000/1.1417	1.525/.0600	33.00/1.299	F100	RB4282

52 Engine				Year	Cyl	Bore x Stroke	52
SD20 1991cc Inline4 SOHC 2v Diesel				01/1963 - 06/1983	L4	83.0mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1366A STD, .25, .50, .75, 1.00, 1.25		52.913/2.0832	55.987/2.2042	1.513/.0596	26.04/1.025	F810	1366A IH
		52.926/2.0837	56.000/2.2047				
MAINS		<i>3 main set.</i>					
3M1367A STD, .25, .50, .75, 1.00, 1.25	1,2,3	70.907/2.7916	74.981/2.9520	2.015/.0793	31.87/1.255	F810	1367A UL
		70.920/2.7921	75.000/2.9528				
MAINS							
5M1369A STD, .25, .50, .75, 1.00	1,2,3,4,5	70.907/2.7916	74.981/2.9520	2.015/.0793	26.00/1.024	F810	1369A IH
		70.920/2.7921	75.000/2.9528				



52 Continued ...								52
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
2T1367 STD	THRUST	78.610/3.0949	93.472/3.6800		2.32/.092	F817	1367T	
		78.870/3.1051	93.726/3.6900				UL	
3C4036 STD	CAMS	1	45.434/1.7887	48.641/1.9150	1.587/.0625	24.13/.950	F23	4036
			45.447/1.7892	48.666/1.9160				
		2	43.897/1.7282	47.117/1.8550	1.588/.0625	22.10/.870	F23	4037
			43.910/1.7287	47.142/1.8560				
		3	41.218/1.6228	44.425/1.7490	1.587/.0625	24.13/.950	F23	4038
41.231/1.6233	44.450/1.7500							
4RB4081 UNB	PISTON PIN BUSH	<i>Set of 4.</i>			1.650/.0650	32.00/1.260	F100	4RB4081
4RB4096 UNB	PISTON PIN BUSH	<i>Set of 4.</i>			1.840/.0724	30.00/1.181	F100	4RB4096
		26.000/1.0236	29.000/1.1417	29.020/1.1425				
RB4081 UNB	PISTON PIN BUSH				1.650/.0650	32.00/1.260	F100	RB4081
RB4096 UNB	PISTON PIN BUSH				1.840/.0724	30.00/1.181	F100	RB4096
		26.000/1.0236	29.000/1.1417	29.020/1.1425				

53 Engine		Year		Cyl	Bore x Stroke		53	
SD22 2164cc Inline4 OHV 2v Diesel		01/1962 - 01/1997		L4	83.0mm x 100.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1366A STD, .25, .50, .75, 1.00, 1.25	CONROD	52.913/2.0832	55.987/2.2042	1.513/.0596	26.04/1.025	F810	1366A	
		52.926/2.0837	56.000/2.2047				IH	
3M1367A STD, .25, .50, .75, 1.00, 1.25	MAINS	<i>3 main set.</i>		2.015/.0793	31.87/1.255	F810	1367A	
		1,2,3	70.907/2.7916					74.981/2.9520
5M1369A STD, .25, .50, .75, 1.00	MAINS	1,2,3,4,5	70.907/2.7916	74.981/2.9520	2.015/.0793	26.00/1.024	F810	1369A
			70.920/2.7921	75.000/2.9528				IH
2T1367 STD	THRUST	78.610/3.0949	93.472/3.6800		2.32/.092	F817	1367T	
		78.870/3.1051	93.726/3.6900				UL	
3C4036 STD	CAMS	1	45.434/1.7887	48.641/1.9150	1.587/.0625	24.13/.950	F23	4036
			45.447/1.7892	48.666/1.9160				
		2	43.897/1.7282	47.117/1.8550	1.588/.0625	22.10/.870	F23	4037
			43.910/1.7287	47.142/1.8560				
		3	41.218/1.6228	44.425/1.7490	1.587/.0625	24.13/.950	F23	4038
41.231/1.6233	44.450/1.7500							
4RB4081 UNB	PISTON PIN BUSH	<i>Set of 4.</i>			1.650/.0650	32.00/1.260	F100	4RB4081
RB4081 UNB	PISTON PIN BUSH				1.650/.0650	32.00/1.260	F100	RB4081



54 Engine		Year		Cyl	Bore x Stroke		54	
SD23 2289cc Inline4 OHV 2v Diesel		08/1980 - 08/1988		L4	89.0mm x 92.0mm			
SD25 2488cc Inline4 OHV 2v Diesel		08/1980 - 01/1997		L4	89.0mm x 100.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B1366A STD, .25, .50, .75, 1.00, 1.25		52.913/2.0832	55.987/2.2042	1.513/.0596	26.04/1.025	F810	1366A IH	
		52.926/2.0837	56.000/2.2047					
MAINS								
5M1369A STD, .25, .50, .75, 1.00	1,2,3,4,5	70.907/2.7916	74.981/2.9520	2.015/.0793	26.00/1.024	F810	1369A IH	
		70.920/2.7921	75.000/2.9528					
THRUST								
2T1367 STD		78.610/3.0949	93.472/3.6800		2.32/.092	F817	1367T UL	
		78.870/3.1051	93.726/3.6900					
CAMS								
3C4036 STD	1	45.434/1.7887	48.641/1.9150	1.587/.0625	24.13/.950	F23	4036	
		45.447/1.7892	48.666/1.9160					
		2	43.897/1.7282	47.117/1.8550	1.588/.0625	22.10/.870	F23	4037
			43.910/1.7287	47.142/1.8560				
3	41.218/1.6228	44.425/1.7490	1.587/.0625	24.13/.950	F23	4038		
	41.231/1.6233	44.450/1.7500						
PISTON PIN BUSH <i>Set of 4.</i>								
4RB4081 UNB				1.650/.0650	32.00/1.260	F100	4RB4081	
PISTON PIN BUSH								
RB4081 UNB				1.650/.0650	32.00/1.260	F100	RB4081	
55 Engine		Year		Cyl	Bore x Stroke		55	
SD33 3246cc Inline6 OHV 2v Diesel		01/1966 - 12/1988		L6	83.0mm x 100.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
MAINS								
4M1367A STD, .25, .50, .75, 1.00	1,2,3,4	70.907/2.7916	74.981/2.9520	2.015/.0793	31.87/1.255	F810	1367A UL	
		70.920/2.7921	75.000/2.9528					
THRUST								
2T1367 STD		78.610/3.0949	93.472/3.6800		2.32/.092	F817	1367T UL	
		78.870/3.1051	93.726/3.6900					
CAMS								
4C4036 STD	1	45.434/1.7887	48.641/1.9150	1.587/.0625	24.13/.950	F23	4036	
		45.447/1.7892	48.666/1.9160					
	2,3	43.897/1.7282	47.117/1.8550	1.588/.0625	22.10/.870	F23	4037	
		43.910/1.7287	47.142/1.8560					
4	41.218/1.6228	44.425/1.7490	1.587/.0625	24.13/.950	F23	4038		
	41.231/1.6233	44.450/1.7500						
CAMS								
4C4042 STD	1	51.390/2.0232	54.410/2.1421	1.495/.0589	24.25/.955	F820	4042	
		51.400/2.0236	54.430/2.1429					
	2	51.190/2.0154	54.210/2.1342	1.495/.0589	22.25/.876	F820	4043	
		51.200/2.0157	54.230/2.1350					
3	50.990/2.0075	54.010/2.1264	1.495/.0589	22.25/.876	F820	4044		
	51.000/2.0079	54.030/2.1272						
4	50.790/1.9996	53.810/2.1185	1.495/.0589	24.25/.955	F820	4045		
	50.800/2.0000	53.830/2.1193						
PISTON PIN BUSH <i>Set of 6.</i>								
6RB4096 UNB		26.000/1.0236	29.000/1.1417 29.020/1.1425	1.840/.0724	30.00/1.181	F100	6RB4096	
PISTON PIN BUSH								
RB4096 UNB		26.000/1.0236	29.000/1.1417 29.020/1.1425	1.840/.0724	30.00/1.181	F100	RB4096	



56 Engine		Year		Cyl	Bore x Stroke		56	
SD33T 3246cc Inline6 OHV 2v Turbo Diesel		08/1983 - 12/1988		L6	83.0mm x 100.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4M1367A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4	70.907/2.7916	74.981/2.9520	2.015/.0793	31.87/1.255	F810	1367A UL	
		70.920/2.7921	75.000/2.9528					
2T1367 STD	THRUST	78.610/3.0949	93.472/3.6800		2.32/.092	F817	1367T UL	
		78.870/3.1051	93.726/3.6900					
4C4042 STD	CAMS	1	51.390/2.0232	54.410/2.1421	1.495/.0589	24.25/.955	F820	4042
			51.400/2.0236	54.430/2.1429				
		2	51.190/2.0154	54.210/2.1342	1.495/.0589	22.25/.876	F820	4043
			51.200/2.0157	54.230/2.1350				
		3	50.990/2.0075	54.010/2.1264	1.495/.0589	22.25/.876	F820	4044
			51.000/2.0079	54.030/2.1272				
		4	50.790/1.9996	53.810/2.1185	1.495/.0589	24.25/.955	F820	4045
			50.800/2.0000	53.830/2.1193				
6RB4096 UNB	PISTON PIN BUSH	<i>Set of 6.</i>		1.840/.0724	30.00/1.181	F100	6RB4096	
		26.000/1.0236	29.000/1.1417 29.020/1.1425					
RB4096 UNB	PISTON PIN BUSH	26.000/1.0236	29.000/1.1417 29.020/1.1425	1.840/.0724	30.00/1.181	F100	RB4096	

57 Engine		Year		Cyl	Bore x Stroke		57	
TD25 2494cc Inline4 OHV 2v Diesel		01/1987 - On		L4	89.0mm x 100.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B2966A STD, .25, .50, .75, 1.00	CONROD	56.913/2.2407	59.987/2.3617	1.513/.0596	26.10/1.028	F810	2966A IH	
		56.926/2.2412	60.000/2.3622					
RACE SERIES 4B2966H STD, .025, .25	CONROD	56.913/2.2407	59.987/2.3617	1.510/.0594	26.10/1.028	F781	2966H IH	
		56.926/2.2412	60.000/2.3622					
RACE SERIES 4B2966HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.497/.0589	26.10/1.028	F781	2966HX IH	
		56.913/2.2407	59.987/2.3617					
5M2965A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	70.907/2.7916	74.981/2.9520	2.013/.0793	26.00/1.024	F810	2965A UL	
		70.920/2.7921	75.000/2.9528					
RACE SERIES 5M2965H STD, .025, .25	MAINS 1,2,3,4,5	70.907/2.7916	74.981/2.9520	2.010/.0791	26.00/1.024	F780	2965H UL	
		70.920/2.7921	75.000/2.9528					
RACE SERIES 5M2965HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>		1.997/.0786	26.00/1.024	F780	2965HX UL	
		70.907/2.7916	74.981/2.9520					
2T1367 STD	THRUST	78.610/3.0949	93.472/3.6800		2.32/.092	F817	1367T UL	
		78.870/3.1051	93.726/3.6900					
5C4055 STD	CAMS	1	50.740/1.9976	53.830/2.1193	1.520/.0598	20.50/.807	F830	4055
			50.740/1.9976	53.830/2.1193				
		2	50.540/1.9898	53.630/2.1114	1.520/.0598	22.00/.866	F830	4056
			50.540/1.9898	53.630/2.1114				
		3	50.340/1.9819	53.430/2.1035	1.520/.0598	22.00/.866	F830	4057
			50.340/1.9819	53.430/2.1035				
		4	50.140/1.9740	53.230/2.0957	1.520/.0598	22.00/.866	F830	4058
			50.140/1.9740	53.230/2.0957				
		5	49.940/1.9661	53.030/2.0878	1.520/.0598	22.00/.866	F830	4059
			49.940/1.9661	53.030/2.0878				



57 Continued ... 57

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4101 UNB			31.000/1.2205 31.020/1.2213	1.700/.0669	32.50/1.280	F100	4RB4101
PISTON PIN BUSH							
RB4101 UNB			31.000/1.2205 31.020/1.2213	1.700/.0669	32.50/1.280	F100	RB4101

58 Engine Year Cyl Bore x Stroke 58

TD27 2663cc Inline4 OHV 2v Diesel	05/1982 - 12/2001	L4	96.0mm x 92.0mm
TD27T 2663cc Inline4 SOHC 2v Turbo Diesel	10/1988 - On	L4	96.0mm x 92.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2966A STD, .25, .50, .75, 1.00		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.513/.0596	26.10/1.028	F810	2966A IH
RACE SERIES							
4B2966H STD, .025, .25		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.510/.0594	26.10/1.028	F781	2966H IH
RACE SERIES							
4B2966HX STD		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.497/.0589	26.10/1.028	F781	2966HX IH
MAINS							
5M2965A STD, .25, .50, .75, 1.00	1,2,3,4,5	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.013/.0793	26.00/1.024	F810	2965A UL
RACE SERIES							
5M2965H STD, .025, .25	1,2,3,4,5	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.010/.0791	26.00/1.024	F780	2965H UL
RACE SERIES							
5M2965HX STD	1,2,3,4,5	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	1.997/.0786	26.00/1.024	F780	2965HX UL
THRUST							
2T1367 STD		78.610/3.0949 78.870/3.1051	93.472/3.6800 93.726/3.6900		2.32/.092	F817	1367T UL
CAMS							
5C4055 STD	1	50.740/1.9976 50.740/1.9976	53.830/2.1193 53.830/2.1193	1.520/.0598	20.50/.807	F830	4055
	2	50.540/1.9898 50.540/1.9898	53.630/2.1114 53.630/2.1114	1.520/.0598	22.00/.866	F830	4056
	3	50.340/1.9819 50.340/1.9819	53.430/2.1035 53.430/2.1035	1.520/.0598	22.00/.866	F830	4057
	4	50.140/1.9740 50.140/1.9740	53.230/2.0957 53.230/2.0957	1.520/.0598	22.00/.866	F830	4058
	5	49.940/1.9661 49.940/1.9661	53.030/2.0878 53.030/2.0878	1.520/.0598	22.00/.866	F830	4059
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4112 UNB				1.525/.0600	32.80/1.291	F100	4RB4112
PISTON PIN BUSH							
RB4112 UNB				1.525/.0600	32.80/1.291	F100	RB4112

59 Engine Year Cyl Bore x Stroke 59

TD42 4169cc Inline6 OHV 2v Diesel	10/1987 - On	L6	96.0mm x 96.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES							
6B2966H STD, .025, .25		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.510/.0594	26.10/1.028	F781	2966H IH



59 Continued ...							59	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES 6B2966HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>						
		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.497/.0589	26.10/1.028	F781	2966HX IH	
6B2966P STD, .25, .50, .75	CONROD	56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.513/.0596	26.10/1.028	F780	2966 IH	
RACE SERIES 7M2965H STD, .025, .25	MAINS 1,2,3,4,5,6,7	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.010/.0791	26.00/1.024	F780	2965H UL	
RACE SERIES 7M2965HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
	1,2,3,4,5,6,7	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	1.997/.0786	26.00/1.024	F780	2965HX UL	
7M2965P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6,7	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.013/.0793	26.00/1.024	F780	2965 UL	
2T1367 STD	THRUST	78.610/3.0949 78.870/3.1051	93.472/3.6800 93.726/3.6900		2.32/.092	F817	1367T UL	
7C4065 STD	CAMS	49.940/1.9661 49.940/1.9661 50.140/1.9740 50.140/1.9740 50.340/1.9819 50.340/1.9819 50.540/1.9898 50.540/1.9898 50.740/1.9976 50.740/1.9976	53.030/2.0878 53.030/2.0878 53.230/2.0957 53.230/2.0957 53.430/2.1035 53.430/2.1035 53.630/2.1114 53.630/2.1114 53.830/2.1193 53.830/2.1193 52.600/2.0709	1.520/.0598 1.520/.0598 1.520/.0598 1.520/.0598 1.520/.0598 1.520/.0598 1.520/.0598 1.520/.0598 1.520/.0598 1.520/.0598	22.00/.866 22.00/.866 22.00/.866 22.00/.866 20.50/.807 22.00/.866 22.00/.866	F830 F830 F830 F830 F830 F23 F23	4059 4058 4057 4056 4055 4066 4065	
6RB4101 UNB	PISTON PIN BUSH	<i>Set of 6.</i>		31.000/1.2205 31.020/1.2213	1.700/.0669	32.50/1.280	F100	6RB4101
6RB4112 UNB	PISTON PIN BUSH	<i>Set of 6.</i>			1.525/.0600	32.80/1.291	F100	6RB4112
RB4101 UNB	PISTON PIN BUSH			31.000/1.2205 31.020/1.2213	1.700/.0669	32.50/1.280	F100	RB4101
RB4112 UNB	PISTON PIN BUSH				1.525/.0600	32.80/1.291	F100	RB4112

60 Engine		Year	Cyl	Bore x Stroke	60		
U20 1982cc Inline4 SOHC 2v		01/1967 - 09/1970	L4	87.2mm x 83.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2751A STD, .25, .50, .75, 1.00, 1.25	CONROD	51.960/2.0457 51.973/2.0462	55.000/2.1654 55.013/2.1659	1.501/.0591	24.13/.950	F810	2751A IH
5M2749A .25, .50, .75, 1.00	MAINS	<i>Has overwidth flanges for undersizes: .25=Std+.10mm, .50=Std+.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>					
	1,5	62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.834/.0722	27.99/1.102	F810	2757A IH
	2,4	62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.834/.0722	22.00/.866	F810	2758A IH

60 Continued ...							60
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M2749A STD, .25, .50, .75, 1.00	3	62.942/2.4780	66.645/2.6238	1.959/.0771	33.95/1.337	F810	2749A(F) IH
		62.955/2.4785	66.658/2.6243				
5M2757A STD, .25, .50, .75, 1.00, 1.25	MAINS 1,5	62.942/2.4780	66.645/2.6238	1.834/.0722	27.99/1.102	F810	2757A IH
		62.955/2.4785	66.658/2.6243				
	2,4	62.942/2.4780	66.645/2.6238	1.834/.0722	22.00/.866	F810	2758A IH
		62.955/2.4785	66.658/2.6243				
	3	62.942/2.4780	66.645/2.6238	1.834/.0722	33.95/1.337	F810	2759A(F) IH
		62.955/2.4785	66.658/2.6243				
3C4036 STD	CAMS 1	45.434/1.7887	48.641/1.9150	1.587/.0625	24.13/.950	F23	4036
		45.447/1.7892	48.666/1.9160				
	2	43.897/1.7282	47.117/1.8550	1.588/.0625	22.10/.870	F23	4037
		43.910/1.7287	47.142/1.8560				
	3	41.218/1.6228	44.425/1.7490	1.587/.0625	24.13/.950	F23	4038
41.231/1.6233	44.450/1.7500						

61 Engine				Year	Cyl	Bore x Stroke	61					
VE30DE 2960cc V6 DOHC 4v				07/1991 - 02/1994	V6	87.0mm x 83.0mm						
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.					
RACE SERIES 6B2390H STD, .025, .25, .50	CONROD	49.961/1.9670	53.000/2.0866	1.503/.0592	17.10/.673	F781	2390H IH					
		49.974/1.9675	53.011/2.0870									
RACE SERIES 6B2390HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.490/.0587	17.10/.673	F781	2390HX IH					
		49.961/1.9670	53.000/2.0866									
6B2390P STD, .25, .50, .75, 1.00	CONROD	49.961/1.9670	53.000/2.0866	1.506/.0593	17.10/.673	F780	2390 IH					
		49.974/1.9675	53.011/2.0870									
RACE SERIES 4M2737H STD, .025, .25, .50	MAINS	<i>Upper shell has five oil holes.</i>		1.830/.0720	22.50/.886	F780	2739H UL					
		1	62.951/2.4784					66.645/2.6238				
			62.974/2.4793					66.672/2.6249				
		2,3	62.951/2.4784					66.645/2.6238	1.830/.0720	19.00/.748	F780	2737H UL
			62.974/2.4793					66.672/2.6249				
		4	62.951/2.4784					66.645/2.6238	1.830/.0720	28.85/1.136	F780	2738H(F) UL
62.974/2.4793	66.672/2.6249											
RACE SERIES 4M2737HX STD	MAINS	<i>0.001" extra oil clearance on STD journal. Upper shell has five oil holes.</i>		1.817/.0715	22.50/.886	F780	2739HX UL					
		1	62.951/2.4784					66.645/2.6238				
			62.974/2.4793					66.672/2.6249				
		2,3	62.951/2.4784					66.645/2.6238	1.817/.0715	19.00/.748	F780	2737HX UL
			62.974/2.4793					66.672/2.6249				
		4	62.951/2.4784					66.645/2.6238	1.817/.0715	28.85/1.136	F780	2738HX(F) UL
62.974/2.4793	66.672/2.6249											
4M2737P STD, .25, .50, .75, 1.00	MAINS	<i>Upper shell has five oil holes.</i>		1.830/.0720	22.50/.886	F780	2739 UL					
		1	62.951/2.4784					66.645/2.6238				
			62.974/2.4793					66.672/2.6249				
		2,3	62.951/2.4784					66.645/2.6238	1.830/.0720	19.00/.748	F780	2737 UL
			62.974/2.4793					66.672/2.6249				
		4	62.951/2.4784					66.645/2.6238	1.830/.0720	28.85/1.136	F780	2738(F) UL
62.974/2.4793	66.672/2.6249											

62 Engine				Year	Cyl	Bore x Stroke	62
TB42E 4169cc Inline6 OHV 2v				01/1992 - 12/1997	L6	96.0mm x 96.0mm	
TB42S 4169cc Inline6 OHV 2v				01/1987 - 12/1997	L6	96.0mm x 96.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2955A STD, .25, .50, .75	CONROD	56.913/2.2407	59.987/2.3617	1.517/.0597	26.10/1.028	F810	2955A IH
		56.926/2.2412	60.000/2.3622				



62 Continued ...							62	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES 6B2955H STD, .025, .25	CONROD	56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.512/.0595	26.10/1.028	F781	2955H IH	
RACE SERIES 6B2955HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		59.987/2.3617 60.000/2.3622	1.499/.0590	26.10/1.028	F781	2955HX IH
6B2955P STD, .25, .50, .75	CONROD	56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.517/.0597	26.10/1.028	F780	2955 IH	
7M2953A STD, .25, .50, .75	MAINS 1,2,3,5,7	70.920/2.7921	75.000/2.9528	2.007/.0790	26.00/1.024	F810	2953A UL	
		70.920/2.7921	75.020/2.9535					
	6	70.920/2.7921	75.000/2.9528	2.007/.0790	31.95/1.258	F810	2954A(F) UL	
		70.920/2.7921	75.020/2.9535					
7C4067 STD	CAMS		52.800/2.0787	1.520/.0598	20.00/.787	F23	4072	
			53.000/2.0866	1.520/.0598	20.00/.787	F23	4071	
			53.200/2.0945	1.520/.0598	20.00/.787	F23	4070	
			53.400/2.1024	1.520/.0598	20.00/.787	F23	4069	
			53.600/2.1102	1.520/.0598	20.00/.787	F23	4068	
			53.800/2.1181	1.520/.0598	20.00/.787	F23	4067	
			52.600/2.0709	1.520/.0598	20.00/.787	F23	4073	
6RB4273 UNB	PISTON PIN BUSH	<i>Set of 6.</i>		1.540/.0606	25.50/1.004	F100	6RB4273	
RB4273 UNB	PISTON PIN BUSH			1.540/.0606	25.50/1.004	F100	RB4273	

63 Engine		Year		Cyl	Bore x Stroke		63	
A10 988cc Inline4 OHV 2v		01/1966 - 12/1981		L4	73.0mm x 59.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B2956A STD, .25, .50, .75, 1.00, 1.50	CONROD	44.961/1.7701 44.974/1.7706	48.000/1.8898 48.011/1.8902	1.504/.0592	19.55/.770	F810	2956A IH	
3M2967A STD, .25, .50, .75, 1.00, 1.50	MAINS 1,3	49.952/1.9666	53.657/2.1125	1.831/.0721	22.12/.871	F810	2967A UL	
		49.964/1.9671	53.670/2.1130					
	2	49.952/1.9666 49.964/1.9671	53.657/2.1125 53.670/2.1130	1.831/.0721	26.95/1.061	F810	2968A(F) UL	
5C4146 STD	CAMS	1	43.793/1.7241 43.806/1.7246	47.010/1.8508 47.031/1.8516	1.575/.0620	23.50/.925	F820	4146
		2	43.283/1.7041 43.296/1.7046	46.500/1.8307 46.520/1.8315	1.575/.0620	14.00/.551	F820	4147
		3	42.783/1.6844 42.796/1.6849	45.999/1.8110 46.020/1.8118	1.575/.0620	14.00/.551	F820	4148
		4	42.283/1.6647 42.296/1.6652	45.499/1.7913 45.519/1.7921	1.575/.0620	14.00/.551	F820	4149
		5	41.218/1.6228 41.231/1.6233	44.435/1.7494 44.455/1.7502	1.575/.0620	13.99/.551	F820	4140

64	Engine	Year	Cyl	Bore x Stroke	64
	A12 1171cc Inline4 OHV 2v	01/1970 - 12/1986	L4	73.0mm x 70.0mm	
	A12A 1237cc Inline4 OHV 2v	01/1980 - 12/1984	L4	75.0mm x 70.0mm	
	A13 1288cc Inline4 OHV 2v	01/1974 - 12/1981	L4	73.0mm x 74.0mm	
	A14 1397cc Inline4 OHV 2v	09/1974 - 12/1984	L4	76.0mm x 77.0mm	
	A15 1488cc Inline4 OHV 2v	01/1979 - 12/1986	L4	76.0mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2956A STD, .25, .50, .75, 1.00, 1.50	CONROD	44.961/1.7701	48.000/1.8898	1.504/.0592	19.55/.770	F810	2956A IH
		44.974/1.7706	48.011/1.8902				
5M2967A STD, .25, .50, .75, 1.00, 1.50	MAINS	49.952/1.9666	53.657/2.1125	1.831/.0721	22.12/.871	F810	2967A UL
		49.964/1.9671	53.670/2.1130				
		49.957/1.9668	53.655/2.1124	1.831/.0721	18.03/.710	F810	2969A IH
		49.964/1.9671	53.673/2.1131				
		49.952/1.9666	53.657/2.1125	1.831/.0721	26.95/1.061	F810	2968A(F) UL
49.964/1.9671	53.670/2.1130						
5C4146 STD	CAMS	43.793/1.7241	47.010/1.8508	1.575/.0620	23.50/.925	F820	4146
		43.806/1.7246	47.031/1.8516				
		43.283/1.7041	46.500/1.8307	1.575/.0620	14.00/.551	F820	4147
		43.296/1.7046	46.520/1.8315				
		42.783/1.6844	45.999/1.8110	1.575/.0620	14.00/.551	F820	4148
		42.796/1.6849	46.020/1.8118				
42.283/1.6647	45.499/1.7913	1.575/.0620	14.00/.551	F820	4149		
42.296/1.6652	45.519/1.7921						
41.218/1.6228	44.435/1.7494	1.575/.0620	13.99/.551	F820	4140		
41.231/1.6233	44.455/1.7502						

65	Engine	Year	Cyl	Bore x Stroke	65
	CD17 1680cc Inline4 SOHC 2v Diesel	01/1982 - 05/1988	L4	80.0mm x 83.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1630A STD, .25, .50, .75, 1.00	CONROD	<i>To suit 45mm shaft.</i>		1.508/.0594	18.60/.732	F810	1630A IH
		44.961/1.7701	48.000/1.8898				
44.974/1.7706	48.013/1.8903						
RACE SERIES 4B1630H STD, .025, .25, .50	CONROD	44.961/1.7701	48.000/1.8898	1.505/.0593	18.60/.732	F781	1630H IH
		44.974/1.7706	48.013/1.8903				
RACE SERIES 4B1630HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.492/.0587	18.60/.732	F781	1630HX IH
		44.961/1.7701	48.000/1.8898				
44.974/1.7706	48.013/1.8903						
4B1630P STD, .25, .50, .75, 1.00	CONROD	<i>To suit 45mm shaft.</i>		1.508/.0594	18.60/.732	F780	1630 IH
		44.961/1.7701	48.000/1.8898				
44.974/1.7706	48.013/1.8903						
5M1633A STD, .25, .50, .75, 1.00	MAINS	<i>Plain bearings 20mm wide.</i>		1.830/.0720	20.00/.787	F810	1633A UL
		52.951/2.0847	56.654/2.2305				
		52.964/2.0852	56.667/2.2310	1.835/.0722	27.95/1.100	F810	1635A(F) UL
52.951/2.0847	56.667/2.2310						
RACE SERIES 5M1633H STD, .025, .25, .50	MAINS	52.951/2.0847	56.654/2.2305	1.827/.0719	20.00/.787	F780	1633H UL
		52.964/2.0852	56.667/2.2310				
		52.951/2.0847	56.654/2.2305	1.832/.0721	27.95/1.100	F780	1635H(F) UL
52.964/2.0852	56.667/2.2310						
RACE SERIES 5M1633HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>		1.814/.0714	20.00/.787	F780	1633HX UL
		52.951/2.0847	56.654/2.2305				
		52.964/2.0852	56.667/2.2310	1.819/.0716	27.95/1.100	F780	1635HX(F) UL
52.951/2.0847	56.654/2.2305						
52.964/2.0852	56.667/2.2310						



65 Continued ...							65
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1633P STD, .25, .50, .75, 1.00	MAINS		<i>Plain bearings 20mm wide.</i>				
	1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.830/.0720	20.00/.787	F780	1633 UL
	3	52.951/2.0847 52.964/2.0852	56.667/2.2310 56.667/2.2310	1.835/.0722	27.95/1.100	F780	1635(F) UL
	MAINS		<i>Plain bearings 22.1mm wide.</i>				
	1,2,4,5	52.950/2.0846 52.967/2.0853	56.660/2.2307 56.680/2.2315	1.829/.0720	22.10/.870	F810	8572A UL
5M8572A STD, .25, .50, .75, 1.00	3	52.950/2.0846 52.967/2.0853	56.660/2.2307 56.680/2.2315	1.829/.0720	27.95/1.100	F810	8573A(F) UL
	PISTON PIN BUSH		<i>Set of 4. Suits 24mm shaft.</i>				
4RB4266 UNB			28.000/1.1024	2.025/.0797	24.20/.953	F100	4RB4266
PISTON PIN BUSH		<i>Suits 24mm shaft.</i>					
RB4266 UNB			28.000/1.1024	2.025/.0797	24.20/.953	F100	RB4266

66 Engine				Year	Cyl	Bore x Stroke	66	
CD20 1973cc Inline4 SOHC 2v Diesel				01/1990 - 12/2001	L4	84.5mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B2736A STD, .25, .50, .75, 1.00	CONROD		49.953/1.9666 49.961/1.9670	53.000/2.0866 53.013/2.0871	1.504/.0592	20.12/.792	F810	2736A IH
	MAINS		<i>Plain bearings 20mm wide.</i>					
5M1633A STD, .25, .50, .75, 1.00	1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.830/.0720	20.00/.787	F810	1633A UL	
	3	52.951/2.0847 52.964/2.0852	56.667/2.2310 56.667/2.2310	1.835/.0722	27.95/1.100	F810	1635A(F) UL	
	MAINS		<i>0.001" extra oil clearance on STD journal.</i>					
RACE SERIES 5M1633H STD, .025, .25, .50	1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.827/.0719	20.00/.787	F780	1633H UL	
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.832/.0721	27.95/1.100	F780	1635H(F) UL	
	MAINS		<i>0.001" extra oil clearance on STD journal.</i>					
RACE SERIES 5M1633HX STD	1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.814/.0714	20.00/.787	F780	1633HX UL	
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.819/.0716	27.95/1.100	F780	1635HX(F) UL	
	MAINS		<i>Plain bearings 20mm wide.</i>					
5M1633P STD, .25, .50, .75, 1.00	1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.830/.0720	20.00/.787	F780	1633 UL	
	3	52.951/2.0847 52.964/2.0852	56.667/2.2310 56.667/2.2310	1.835/.0722	27.95/1.100	F780	1635(F) UL	
	MAINS		<i>Plain bearings 22.1mm wide.</i>					
5M8572A STD, .25, .50, .75, 1.00	1,2,4,5	52.950/2.0846 52.967/2.0853	56.660/2.2307 56.680/2.2315	1.829/.0720	22.10/.870	F810	8572A UL	
	3	52.950/2.0846 52.967/2.0853	56.660/2.2307 56.680/2.2315	1.829/.0720	27.95/1.100	F810	8573A(F) UL	
	PISTON PIN BUSH		<i>Set of 4. Suits 25mm shaft.</i>					
4RB4267 UNB			28.000/1.1024	1.530/.0602	24.70/.972	F100	4RB4267	
PISTON PIN BUSH		<i>Suits 25mm shaft.</i>						
RB4267 UNB			28.000/1.1024	1.530/.0602	24.70/.972	F100	RB4267	

67 Engine		Year		Cyl	Bore x Stroke	67	
CD20-T 1973cc Inline4 SOHC 2v Turbo Diesel		01/1991 - 12/2002		L4	84.5mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2736A STD, .25, .50, .75, 1.00		49.953/1.9666	53.000/2.0866	1.504/.0592	20.12/.792	F810	2736A IH
		49.961/1.9670	53.013/2.0871				
MAINS <i>Plain bearings 20mm wide.</i>							
5M1633A STD, .25, .50, .75, 1.00	1,2,4,5	52.951/2.0847	56.654/2.2305	1.830/.0720	20.00/.787	F810	1633A UL
		52.964/2.0852	56.667/2.2310				
	3	52.951/2.0847	56.667/2.2310	1.835/.0722	27.95/1.100	F810	1635A(F) UL
		52.964/2.0852	56.667/2.2310				
RACE SERIES							
5M1633H STD, .025, .25, .50							
MAINS							
1,2,4,5	52.951/2.0847	56.654/2.2305	1.827/.0719	20.00/.787	F780	1633H UL	
	52.964/2.0852	56.667/2.2310	1.832/.0721	27.95/1.100	F780	1635H(F) UL	
3	52.951/2.0847	56.654/2.2305	1.832/.0721	27.95/1.100	F780	1635H(F) UL	
	52.964/2.0852	56.667/2.2310					
RACE SERIES							
5M1633HX STD							
MAINS <i>0.001" extra oil clearance on STD journal.</i>							
1,2,4,5	52.951/2.0847	56.654/2.2305	1.814/.0714	20.00/.787	F780	1633HX UL	
	52.964/2.0852	56.667/2.2310	1.819/.0716	27.95/1.100	F780	1635HX(F) UL	
3	52.951/2.0847	56.654/2.2305	1.819/.0716	27.95/1.100	F780	1635HX(F) UL	
	52.964/2.0852	56.667/2.2310					
MAINS <i>Plain bearings 20mm wide.</i>							
5M1633P STD, .25, .50, .75, 1.00	1,2,4,5	52.951/2.0847	56.654/2.2305	1.830/.0720	20.00/.787	F780	1633 UL
		52.964/2.0852	56.667/2.2310				
	3	52.951/2.0847	56.667/2.2310	1.835/.0722	27.95/1.100	F780	1635(F) UL
		52.964/2.0852	56.667/2.2310				
MAINS <i>Plain bearings 22.1mm wide.</i>							
5M8572A STD, .25, .50, .75, 1.00	1,2,4,5	52.950/2.0846	56.660/2.2307	1.829/.0720	22.10/.870	F810	8572A UL
		52.967/2.0853	56.680/2.2315				
	3	52.950/2.0846	56.660/2.2307	1.829/.0720	27.95/1.100	F810	8573A(F) UL
		52.967/2.0853	56.680/2.2315				

68 Engine		Year		Cyl	Bore x Stroke	68	
E1 1189cc Inline4 OHV 2v		01/1960 - 12/1965		L4	73.0mm x 71.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2636A STD, 010, 020, 030, 040, 050,		47.648/1.8759	51.333/2.0210	1.824/.0718	22.09/.870	F810	2636A IH
		47.661/1.8764	51.346/2.0215				
MAINS							
3M2215A STD, 010, 020, 030, 040	1,2,3	50.813/2.0005	54.508/2.1460	1.836/.0723	31.11/1.225	F810	2215A IH
		50.825/2.0010	54.521/2.1465				
CAMS							
3C4018 STD	1	45.433/1.7887	48.641/1.9150	1.588/.0625	37.57/1.479	F830	4306
		45.445/1.7892	48.666/1.9160				
	2	43.909/1.7287	47.117/1.8550	1.585/.0624	22.50/.886	F830	4017
		43.922/1.7292	47.142/1.8560				
3	41.219/1.6228	44.425/1.7490	1.585/.0624	20.89/.822	F830	4018	
	41.232/1.6233	44.450/1.7500					

69 Engine		Year		Cyl	Bore x Stroke	69	
ED30 2956cc Inline4 SOHC 2v Diesel		01/1973 - 12/1979		L4	98.0mm x 98.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2756P STD, .25, .50, .75, 1.00, 1.50		59.919/2.3590	63.959/2.5181	1.998/.0787	34.00/1.339	F780	2756 IH
		59.945/2.3600	63.980/2.5189				
MAINS							
5M2775A STD, .25, .50, .75, 1.00	1,2,3,4,5	75.920/2.9890	79.980/3.1488	1.995/.0785	28.00/1.102	F810	2775A UL
		75.940/2.9898	80.000/3.1496				



69 Continued ...							69
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T2775 STD	THRUST	86.000/3.3858	101.800/4.0079		3.00/.118	F100	2775T
		86.000/3.3858	101.800/4.0079				UL
3C4212 STD	CAMS	57.340/2.2575	60.400/2.3779	1.515/.0596	28.00/1.102	F23	4212
		57.340/2.2575	60.400/2.3779				
		57.140/2.2496	60.200/2.3701	1.515/.0596	26.00/1.024	F23	4213
		57.140/2.2496	60.200/2.3701				
		56.940/2.2417	60.000/2.3622	1.515/.0596	26.00/1.024	F23	4214
		56.940/2.2417	60.000/2.3622				

70 Engine	Year	Cyl	Bore x Stroke	70
L20A 1998cc Inline6 SOHC 2v	01/1981 - 12/1987	L6	78.0mm x 69.7mm	
L20E 1998cc Inline6 SOHC 2v	11/1980 - 05/1987	L6	78.0mm x 69.7mm	
L20S 1998cc Inline6 SOHC 2v	11/1980 - 05/1987	L6	78.0mm x 69.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1630A STD, .25, .50, .75, 1.00	CONROD	44.961/1.7701	48.000/1.8898	1.508/.0594	18.60/.732	F810	1630A
		44.974/1.7706	48.013/1.8903				IH
6B1630P STD, .25, .50, .75, 1.00	CONROD	44.961/1.7701	48.000/1.8898	1.508/.0594	18.60/.732	F780	1630
		44.974/1.7706	48.013/1.8903				IH
7M1172A STD, .25, .50, .75, 1.00, 1.50	MAINS	54.942/2.1631	58.645/2.3089	1.835/.0722	26.10/1.028	F810	1172A
		54.955/2.1636	58.658/2.3094				UL
		54.942/2.1631	58.645/2.3089	1.835/.0722	24.10/.949	F810	1174A
		54.955/2.1636	58.658/2.3094				UL
		54.942/2.1631	58.645/2.3089	1.835/.0722	31.95/1.258	F810	1173A(F)
		54.955/2.1636	58.658/2.3094				UL

71 Engine	Year	Cyl	Bore x Stroke	71
L20 1998cc Inline6 SOHC 2v	01/1967 - 12/1987	L6	78.0mm x 69.7mm	
L23 2262cc Inline6 SOHC 2v	01/1967 - 12/1970	L6	83.0mm x 69.7mm	
L24 2393cc Inline6 SOHC 2v	01/1967 - 12/1986	L6	83.0mm x 73.7mm	
L24E 2393cc Inline6 SOHC 2v	01/1977 - 06/1986	L6	83.0mm x 73.7mm	
L26 2565cc Inline6 SOHC 2v	01/1966 - 12/1980	L6	83.0mm x 79.0mm	
L28 2753cc Inline6 SOHC 2v	01/1969 - 02/1988	L6	86.0mm x 79.0mm	
L28E 2753cc Inline6 SOHC 2v	01/1975 - 01/1984	L6	86.0mm x 79.0mm	
L28S 2753cc Inline6 SOHC 2v	12/1979 - 03/1983	L6	86.0mm x 79.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1171A STD, .25, .50, .75, 1.00, 1.50	CONROD	49.962/1.9670	53.005/2.0868	1.506/.0593	22.10/.870	F810	1171A
		49.975/1.9675	53.013/2.0871				IH
7M1172A STD, .25, .50, .75, 1.00, 1.50	MAINS	54.942/2.1631	58.645/2.3089	1.835/.0722	26.10/1.028	F810	1172A
		54.955/2.1636	58.658/2.3094				UL
		54.942/2.1631	58.645/2.3089	1.835/.0722	24.10/.949	F810	1174A
		54.955/2.1636	58.658/2.3094				UL
		54.942/2.1631	58.645/2.3089	1.835/.0722	31.95/1.258	F810	1173A(F)
		54.955/2.1636	58.658/2.3094				UL

72 Engine	Year	Cyl	Bore x Stroke	72
H30 2974cc Inline6 SOHC 2v	01/1966 - On	L6	87.2mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4C4036 STD	CAMS	45.434/1.7887	48.641/1.9150	1.587/.0625	24.13/.950	F23	4036
		45.447/1.7892	48.666/1.9160				

72 Continued ... 72

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4C4036 STD	2,3	43.897/1.7282	47.117/1.8550	1.588/.0625	22.10/.870	F23	4037
		43.910/1.7287	47.142/1.8560				
	4	41.218/1.6228	44.425/1.7490	1.587/.0625	24.13/.950	F23	4038
		41.231/1.6233	44.450/1.7500				
PISTON PIN BUSH							
RB4028 UNB		21.987/.8656	24.000/.9449	1.230/.0484	28.70/1.130	F100	RB4028
		22.000/.8661	24.021/.9457				

73 Engine Year Cyl Bore x Stroke 73
H20-II 1982cc Inline4 OHV 2v 01/1966 - On L4 87.2mm x 83.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>To suit 45mm shaft.</i>							
4B1630A STD, .25, .50, .75, 1.00		44.961/1.7701	48.000/1.8898	1.508/.0594	18.60/.732	F810	1630A IH
		44.974/1.7706	48.013/1.8903				
CONROD <i>To suit 45mm shaft.</i>							
4B1630P STD, .25, .50, .75, 1.00		44.961/1.7701	48.000/1.8898	1.508/.0594	18.60/.732	F780	1630 IH
		44.974/1.7706	48.013/1.8903				
MAINS							
5M2759A STD, .25, .50, .75, 1.00	1,2,4,5	62.942/2.4780	66.645/2.6238	1.834/.0722	22.00/.866	F810	2758A IH
		62.955/2.4785	66.658/2.6243				
	3	62.942/2.4780	66.645/2.6238	1.834/.0722	33.95/1.337	F810	2759A(F) IH
		62.955/2.4785	66.658/2.6243				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4269 UNB		21.990/.8657	24.000/.9449	1.050/.0413	28.50/1.122	F100	4RB4269
		22.000/.8661	24.020/.9457				
PISTON PIN BUSH							
RB4269 UNB		21.990/.8657	24.000/.9449	1.050/.0413	28.50/1.122	F100	RB4269
		22.000/.8661	24.020/.9457				

74 Engine Year Cyl Bore x Stroke 74
J 1299cc Inline4 OHV 2v 01/1965 - 12/1970 L4 73.0mm x 77.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2636A STD, 010, 020, 030, 040, 050,		47.648/1.8759	51.333/2.0210	1.824/.0718	22.09/.870	F810	2636A IH
		47.661/1.8764	51.346/2.0215				
MAINS							
3M2215A STD, 010, 020, 030, 040	1,2,3	50.813/2.0005	54.508/2.1460	1.836/.0723	31.11/1.225	F810	2215A IH
		50.825/2.0010	54.521/2.1465				
THRUST							
2T4302 STD, 005		56.261/2.2150	69.596/2.7400		2.36/.093	F1	4302T UL
		56.515/2.2250	69.850/2.7500				
CAMS							
3C4018 STD	1	45.433/1.7887	48.641/1.9150	1.588/.0625	37.57/1.479	F830	4306
		45.445/1.7892	48.666/1.9160				
	2	43.909/1.7287	47.117/1.8550	1.585/.0624	22.50/.886	F830	4017
		43.922/1.7292	47.142/1.8560				
	3	41.219/1.6228	44.425/1.7490	1.585/.0624	20.89/.822	F830	4018
		41.232/1.6233	44.450/1.7500				



75 Engine		Year		Cyl	Bore x Stroke		75
J13 1299cc Inline4 OHV 2v		01/1960 - 12/1975		L4	73.0mm x 77.6mm		
J15 1483cc Inline4 OHV 2v		01/1969 - 01/1982		L4	78.0mm x 77.6mm		
J16 1567cc Inline4 OHV 2v		08/1972 - 12/1985		L4	78.0mm x 82.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2636A STD, 010, 020, 030, 040, 050		47.648/1.8759	51.333/2.0210	1.824/.0718	22.09/.870	F810	2636A IH
		47.661/1.8764	51.346/2.0215				
MAINS							
3M2637A STD, 010, 020, 030, 040, 050	1,2,3	50.813/2.0005	54.511/2.1461	1.836/.0723	27.94/1.100	F810	2637A IH
		50.825/2.0010	54.546/2.1475				
THRUST							
2T4302 STD, 005		56.261/2.2150	69.596/2.7400		2.36/.093	F1	4302T UL
		56.515/2.2250	69.850/2.7500				
CAMS							
3C4018 STD	1	45.433/1.7887	48.641/1.9150	1.588/.0625	37.57/1.479	F830	4306
		45.445/1.7892	48.666/1.9160				
	2	43.909/1.7287	47.117/1.8550	1.585/.0624	22.50/.886	F830	4017
		43.922/1.7292	47.142/1.8560				
	3	41.219/1.6228	44.425/1.7490	1.585/.0624	20.89/.822	F830	4018
		41.232/1.6233	44.450/1.7500				
ROCKER ARM BUSH							
B633		15.875/.6250	19.012/.7485		18.92/.745	F100	B633
		15.875/.6250	19.037/.7495				

76 Engine		Year		Cyl	Bore x Stroke		76
J18 1800cc Inline4 OHV 2v		01/1980 - On		L4	80.5mm x 88.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2638A STD, .25, .50, .75, 1.00		47.633/1.8753	50.673/1.9950	1.500/.0591	20.00/.787	F810	2638A IH
		47.645/1.8758	50.686/1.9955				
MAINS							
3M2637A STD, 010, 020, 030, 040, 050	1,2,3	50.813/2.0005	54.511/2.1461	1.836/.0723	27.94/1.100	F810	2637A IH
		50.825/2.0010	54.546/2.1475				
THRUST							
2T4302 STD, 005		56.261/2.2150	69.596/2.7400		2.36/.093	F1	4302T UL
		56.515/2.2250	69.850/2.7500				
CAMS							
3C4018 STD	1	45.433/1.7887	48.641/1.9150	1.588/.0625	37.57/1.479	F830	4306
		45.445/1.7892	48.666/1.9160				
	2	43.909/1.7287	47.117/1.8550	1.585/.0624	22.50/.886	F830	4017
		43.922/1.7292	47.142/1.8560				
	3	41.219/1.6228	44.425/1.7490	1.585/.0624	20.89/.822	F830	4018
		41.232/1.6233	44.450/1.7500				

77 Engine		Year		Cyl	Bore x Stroke		77
KA24DE 2389cc Inline4 DOHC 4v		10/1993 - 12/2005		L4	89.0mm x 96.0mm		
KA24E 2389cc Inline4 SOHC 3v		01/1989 - 12/2001		L4	89.0mm x 96.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2746A STD, .25, .50, .75, 1.00		49.961/1.9670	53.000/2.0866	1.508/.0594	20.00/.787	F810	2746A IH
		49.974/1.9675	53.013/2.0871				
MAINS							
5M2747A STD, .25, .50, .75, 1.00	1,2,4,5	59.962/2.3607	63.659/2.5063	1.835/.0722	19.00/.748	F810	2747A UL
		59.975/2.3612	63.972/2.5186				
	3	59.962/2.3607	63.659/2.5063	1.835/.0722	26.95/1.061	F810	2748A(F) UL
		59.975/2.3612	63.672/2.5068				

77 Continued ... 77

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4105 UNB			24.000/.9449 24.000/.9449	1.720/.0677	24.80/.976	F100	4RB4105
PISTON PIN BUSH							
RB4105 UNB			24.000/.9449 24.000/.9449	1.720/.0677	24.80/.976	F100	RB4105

78 Engine Year Cyl Bore x Stroke 78
H20 1982cc Inline4 OHV 2v 01/1966 - 12/1982 L4 87.2mm x 83.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2751A STD, .25, .50, .75, 1.00, 1.25		51.960/2.0457 51.973/2.0462	55.000/2.1654 55.013/2.1659	1.501/.0591	24.13/.950	F810	2751A IH
MAINS <i>Has overwidth flanges for undersizes: .25=Std+.10mm, .50=Std+.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>							
5M2749A .25, .50, .75, 1.00	1,5	62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.834/.0722	27.99/1.102	F810	2757A IH
	2,4	62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.834/.0722	22.00/.866	F810	2758A IH
		3	62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.959/.0771	33.95/1.337	F810
	5M2757A STD, .25, .50, .75, 1.00, 1.25	1,5	62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.834/.0722	27.99/1.102	F810
2,4		62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.834/.0722	22.00/.866	F810	2758A IH
		3	62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.834/.0722	33.95/1.337	F810
CAMS							
3C4036 STD	1	45.434/1.7887 45.447/1.7892	48.641/1.9150 48.666/1.9160	1.587/.0625	24.13/.950	F23	4036
	2	43.897/1.7282 43.910/1.7287	47.117/1.8550 47.142/1.8560	1.588/.0625	22.10/.870	F23	4037
		3	41.218/1.6228 41.231/1.6233	44.425/1.7490 44.450/1.7500	1.587/.0625	24.13/.950	F23
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4269 UNB		21.990/.8657 22.000/.8661	24.000/.9449 24.020/.9457	1.050/.0413	28.50/1.122	F100	4RB4269
PISTON PIN BUSH							
RB4269 UNB		21.990/.8657 22.000/.8661	24.000/.9449 24.020/.9457	1.050/.0413	28.50/1.122	F100	RB4269

79 Engine Year Cyl Bore x Stroke 79
LD28 2792cc Inline6 SOHC 2v Diesel 10/1979 - 10/1986 L6 84.5mm x 83.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1171A STD, .25, .50, .75, 1.00, 1.50		49.962/1.9670 49.975/1.9675	53.005/2.0868 53.013/2.0871	1.506/.0593	22.10/.870	F810	1171A IH
MAINS							
7M1172A STD, .25, .50, .75, 1.00, 1.50	1,7	54.942/2.1631 54.955/2.1636	58.645/2.3089 58.658/2.3094	1.835/.0722	26.10/1.028	F810	1172A UL
	2,3,5,6	54.942/2.1631 54.955/2.1636	58.645/2.3089 58.658/2.3094	1.835/.0722	24.10/.949	F810	1174A UL
		4	54.942/2.1631 54.955/2.1636	58.645/2.3089 58.658/2.3094	1.835/.0722	31.95/1.258	F810
	PISTON PIN BUSH <i>Set of 6. Suits 25mm shaft.</i>						
6RB4102 UNB			28.000/1.1024 28.020/1.1031	1.640/.0646	27.00/1.063	F100	6RB4102



79 Continued ...							79	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
6RB4270	PISTON PIN BUSH	<i>Set of 6. Suits 26mm shaft.</i>		29.000/1.1417	1.525/.0600	26.70/1.051	F100	6RB4270
		29.020/1.1425						
RB4102 UNB	PISTON PIN BUSH	<i>Suits 25mm shaft.</i>		28.000/1.1024	1.640/.0646	27.00/1.063	F100	RB4102
		28.020/1.1031						
RB4270 UNB	PISTON PIN BUSH	<i>Suits 26mm shaft.</i>		29.000/1.1417	1.525/.0600	26.70/1.051	F100	RB4270
		29.020/1.1425						

80 Engine				Year	Cyl	Bore x Stroke	80			
RB20E 1998cc Inline6 SOHC 2v				10/1984 - On	L6	78.0mm x 69.7mm				
RB20S 1998cc Inline6 SOHC 2v				01/1981 - 12/1986	L6	78.0mm x 69.7mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.			
6B2389A STD, .25, .50, .75, 1.00	CONROD	41.961/1.6520	45.000/1.7717	1.508/.0594	16.10/.634	F810	2389A IH			
		41.974/1.6525	45.011/1.7721							
7M2394A STD, .25, .50, .75	MAINS	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.830/.0720	19.12/.753	F810	2394A UL		
			54.975/2.1644	58.658/2.3094						
	7	54.951/2.1634	58.645/2.3089	1.830/.0720	26.95/1.061	F810	2395A(F) UL			
		54.975/2.1644	58.658/2.3094							
RACE SERIES 7M2394H STD, .025, .25, .50	MAINS	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.827/.0719	19.12/.753	F780	2394H UL		
			54.975/2.1644	58.658/2.3094						
	7	54.951/2.1634	58.645/2.3089	1.827/.0719	26.95/1.061	F780	2395H(F) UL			
		54.975/2.1644	58.658/2.3094							
RACE SERIES 7M2394HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>		1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.814/.0714	19.12/.753	F780	2394HX UL
			54.975/2.1644	58.658/2.3094						
	7	54.951/2.1634	58.645/2.3089	1.814/.0714	26.95/1.061	F780	2395HX(F) UL			
		54.975/2.1644	58.658/2.3094							
7M2394P STD, .25, .50, .75	MAINS	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.830/.0720	19.12/.753	F780	2394 UL		
			54.975/2.1644	58.658/2.3094						
	7	54.951/2.1634	58.645/2.3089	1.830/.0720	26.95/1.061	F780	2395(F) UL			
		54.975/2.1644	58.658/2.3094							
6RB4271 UNB	PISTON PIN BUSH	<i>Set of 6. Suits 19mm shaft.</i>		21.987/.8656	1.535/.0604	21.80/.858	F100	6RB4271		
		22.000/.8661								
RB4271 UNB	PISTON PIN BUSH	<i>Suits 19mm shaft.</i>		21.987/.8656	1.535/.0604	21.80/.858	F100	RB4271		
		22.000/.8661								

81 Engine				Year	Cyl	Bore x Stroke	81		
R16 1595cc Inline4 OHV 2v				01/1965 - 01/1972	L4	87.2mm x 66.8mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B2751A STD, .25, .50, .75, 1.00, 1.25	CONROD	51.960/2.0457	55.000/2.1654	1.501/.0591	24.13/.950	F810	2751A IH		
		51.973/2.0462	55.013/2.1659						
5M2749A .25, .50, .75, 1.00	MAINS	<i>Has overwidth flanges for undersises: .25=Std+.10mm, .50=Std+.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>				1.834/.0722	27.99/1.102	F810	2757A IH
		1,5	62.942/2.4780	66.645/2.6238					
	2,4	62.955/2.4785	66.658/2.6243	1.834/.0722	22.00/.866	F810	2758A IH		
		62.942/2.4780	66.645/2.6238						
		62.955/2.4785	66.658/2.6243						

81 Continued ... 81

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M2749A STD, .25, .50, .75, 1.00	3	62.942/2.4780	66.645/2.6238	1.959/.0771	33.95/1.337	F810	2749A(F) IH
		62.955/2.4785	66.658/2.6243				
5M2757A STD, .25, .50, .75, 1.00, 1.25	MAINS 1,5	62.942/2.4780	66.645/2.6238	1.834/.0722	27.99/1.102	F810	2757A IH
		62.955/2.4785	66.658/2.6243				
	2,4	62.942/2.4780	66.645/2.6238	1.834/.0722	22.00/.866	F810	2758A IH
		62.955/2.4785	66.658/2.6243				
	3	62.942/2.4780	66.645/2.6238	1.834/.0722	33.95/1.337	F810	2759A(F) IH
		62.955/2.4785	66.658/2.6243				
3C4036 STD	CAMS 1	45.434/1.7887	48.641/1.9150	1.587/.0625	24.13/.950	F23	4036
		45.447/1.7892	48.666/1.9160				
	2	43.897/1.7282	47.117/1.8550	1.588/.0625	22.10/.870	F23	4037
		43.910/1.7287	47.142/1.8560				
	3	41.218/1.6228	44.425/1.7490	1.587/.0625	24.13/.950	F23	4038
		41.231/1.6233	44.450/1.7500				
RB4028 UNB	PISTON PIN BUSH	21.987/.8656	24.000/.9449	1.230/.0484	28.70/1.130	F100	RB4028
		22.000/.8661	24.021/.9457				

82 Engine Year Cyl Bore x Stroke 82

P 3956cc Inline6 SOHC 2v 01/1960 - 01/1980 L6 85.7mm x 114.3mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1301P STD, 010, 020, 030, 040, 050,	CONROD	57.130/2.2492	60.180/2.3693	1.504/.0592	26.16/1.030	F780	1301 IH
		57.150/2.2500	60.198/2.3700				
7DM1304P STD, .25, .50, .75	MAINS 1	68.204/2.6852	72.997/2.8739	2.370/.0933	43.61/1.717	F780	4282(F) UL
		68.229/2.6862	73.002/2.8741				
	2,3,5,6	69.276/2.7274	72.997/2.8739	1.831/.0721	26.13/1.029	F780	1304 UL
		69.299/2.7283	73.002/2.8741				
	4	69.276/2.7274	72.997/2.8739	1.831/.0721	41.12/1.619	F780	1303 UL
		69.299/2.7283	73.002/2.8741				
7	69.276/2.7274	72.997/2.8739	1.831/.0721	49.12/1.934	F780	1302 UL	
	69.299/2.7283	73.002/2.8741					
4C4286 STD	CAMS 1	49.124/1.9340	52.450/2.0650	1.646/.0648	29.64/1.167	F23	4286
		49.149/1.9350	52.470/2.0657				
	2	48.920/1.9260	52.250/2.0571	1.646/.0648	19.30/.760	F23	4287
		48.945/1.9270	52.270/2.0579				
	3	48.616/1.9140	51.940/2.0449	1.646/.0648	19.30/.760	F23	4288
		48.641/1.9150	51.960/2.0457				
4	48.311/1.9020	51.640/2.0331	1.646/.0648	32.00/1.260	F23	4289	
	48.336/1.9030	51.660/2.0339					

83 Engine Year Cyl Bore x Stroke 83

RB26DETT 2568cc Inline6 DOHC 4v Turbo 06/1991 - On L6 86.0mm x 73.7mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 6B2960H STD, .025, .25, .50	CONROD	47.956/1.8880	51.000/2.0079	1.503/.0592	17.10/.673	F781	2960H IH
		47.974/1.8887	51.013/2.0084				
RACE SERIES 6B2960HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.490/.0587	17.10/.673	F781	2960HX IH
		47.956/1.8880	51.000/2.0079				
6B2960P STD, .25, .50, .75, 1.00	CONROD	47.956/1.8880	51.000/2.0079	1.503/.0592	17.10/.673	F780	2960 IH
		47.974/1.8887	51.013/2.0084				



83 Continued ...							83
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
7M2428A STD, .25, .50, .75, 1.00	MAINS 1,2,3,5,6,7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.825/.0719	20.00/.787	F810	2429A UL
	4	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.825/.0719	26.95/1.061	F810	2428A(F) UL
RACE SERIES 7M2428H STD, .025, .25, .50	MAINS 1,2,3,5,6,7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/.0719	20.00/.787	F780	2429H UL
	4	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/.0719	26.95/1.061	F780	2428H(F) UL
RACE SERIES 7M2428HX STD	MAINS 1,2,3,5,6,7	<i>0.001" extra oil clearance on STD journal.</i> 54.951/2.1634 54.975/2.1644		1.814/.0714	20.00/.787	F780	2429HX UL
	4	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.814/.0714	26.95/1.061	F780	2428HX(F) UL
6RB4074 UNB	PISTON PIN BUSH <i>Set of 6. Suits 21mm shaft.</i>	21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	6RB4074
	PISTON PIN BUSH <i>Suits 21mm shaft.</i>	21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	RB4074

84 Engine		Year	Cyl	Bore x Stroke	84		
P40 3956cc Inline6 SOHC 2v		01/1980 - 01/1988	L6	85.7mm x 114.3mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1301P STD, 010, 020, 030, 040, 050	CONROD	57.130/2.2492 57.150/2.2500	60.180/2.3693 60.198/2.3700	1.504/.0592	26.16/1.030	F780	1301 IH
	MAINS 1	69.275/2.7274 69.300/2.7283	73.000/2.8740 73.025/2.8750	1.831/.0721	40.50/1.594	F780	1305(F) UL
7M1305P STD, 010, 020, 030, 040, 060	2,3,5,6	69.276/2.7274 69.299/2.7283	72.997/2.8739 73.002/2.8741	1.831/.0721	26.13/1.029	F780	1304 UL
	4	69.276/2.7274 69.299/2.7283	72.997/2.8739 73.002/2.8741	1.831/.0721	41.12/1.619	F780	1303 UL
	7	69.276/2.7274 69.299/2.7283	72.997/2.8739 73.002/2.8741	1.831/.0721	49.12/1.934	F780	1302 UL
	CAMS 1	49.124/1.9340 49.149/1.9350	52.450/2.0650 52.470/2.0657	1.646/.0648	29.64/1.167	F23	4286
	2	48.920/1.9260 48.945/1.9270	52.250/2.0571 52.270/2.0579	1.646/.0648	19.30/.760	F23	4287
4C4286 STD	3	48.616/1.9140 48.641/1.9150	51.940/2.0449 51.960/2.0457	1.646/.0648	19.30/.760	F23	4288
	4	48.311/1.9020 48.336/1.9030	51.640/2.0331 51.660/2.0339	1.646/.0648	32.00/1.260	F23	4289

85 Engine		Year	Cyl	Bore x Stroke	85		
LD20 1952cc Inline4 SOHC 2v Diesel		04/1978 - On	L4	85.0mm x 86.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1171A STD, .25, .50, .75, 1.00, 1.50	CONROD	49.962/1.9670 49.975/1.9675	53.005/2.0868 53.013/2.0871	1.506/.0593	22.10/.870	F810	1171A IH
	MAINS 1	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/.0722	26.10/1.028	F810	1176A UL
5M1176A STD, .25, .50, .75, 1.00	2,4	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.838/.0724	24.10/.949	F810	1177A UL

85 Continued ...							85
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1176A STD, .25, .50, .75, 1.00	3	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.838/.0724	31.95/1.258	F810	1178A(F) IH
	5	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/.0722	26.10/1.028	F810	1179A U
	5	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/.0722	26.10/1.028	F810	1176A L
	MAINS						
	1,5	59.940/2.3598 59.955/2.3604	63.650/2.5059 63.668/2.5066	1.835/.0722	22.10/.870	F810	1247A UL
5M1247A STD, .25, .50, .75, 1.00	2,4	59.940/2.3598 59.955/2.3604	63.650/2.5059 63.668/2.5066	1.835/.0722	22.10/.870	F810	1248A UL
	3	59.940/2.3598 59.955/2.3604	63.650/2.5059 63.668/2.5066	1.835/.0722	31.95/1.258	F810	1249A(F) UL
	PISTON PIN BUSH <i>Set of 4. Suits 25mm shaft.</i>						
4RB4102 UNB			28.000/1.1024 28.020/1.1031	1.640/.0646	27.00/1.063	F100	4RB4102
PISTON PIN BUSH <i>Set of 4. Suits 26mm shaft.</i>							
4RB4270 UNB			29.000/1.1417 29.020/1.1425	1.525/.0600	26.70/1.051	F100	4RB4270
PISTON PIN BUSH <i>Suits 25mm shaft.</i>							
RB4102 UNB			28.000/1.1024 28.020/1.1031	1.640/.0646	27.00/1.063	F100	RB4102
PISTON PIN BUSH <i>Suits 26mm shaft.</i>							
RB4270 UNB			29.000/1.1417 29.020/1.1425	1.525/.0600	26.70/1.051	F100	RB4270

86 Engine				Year	Cyl	Bore x Stroke	86
RD28T 2826cc Inline6 SOHC 2v Turbo Diesel				01/1994 - 04/2000	L6	85.0mm x 83.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2930A STD, .25, .50, .75, 1.00	CONROD						
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.013/2.0871	1.498/.0590	20.00/.787	F810	2930A IH
7M2394A STD, .25, .50, .75	MAINS						
	1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	19.12/.753	F810	2394A UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	26.95/1.061	F810	2395A(F) UL
RACE SERIES 7M2394H STD, .025, .25, .50	MAINS						
	1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/.0719	19.12/.753	F780	2394H UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/.0719	26.95/1.061	F780	2395H(F) UL
RACE SERIES 7M2394HX STD	MAINS <i>0.001" extra oil clearance on STD journal.</i>						
	1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.814/.0714	19.12/.753	F780	2394HX UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.814/.0714	26.95/1.061	F780	2395HX(F) UL
7M2394P STD, .25, .50, .75	MAINS						
	1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	19.12/.753	F780	2394 UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	26.95/1.061	F780	2395(F) UL
PISTON PIN BUSH <i>Set of 6. Suits 27mm pin. For turbo versions.</i>							
6RB4110 UNB		27.000/1.0630	29.990/1.1807 30.005/1.1813	1.700/.0669	24.70/.972	F100	6RB4110
PISTON PIN BUSH <i>Suits 27mm pin. For turbo versions.</i>							
RB4110 UNB		27.000/1.0630	29.990/1.1807 30.005/1.1813	1.700/.0669	24.80/.976	F100	RB4110



87 Engine		Year		Cyl	Bore x Stroke		87
NA16S 1627cc Inline4 SOHC 2v		01/1989 - 12/1995		L4	81.5mm x 78.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1435A STD, .25, .50, .75, 1.00			53.000/2.0866	1.502/.0591	22.00/.866	F810	1435A
			53.020/2.0874				IH
MAINS							
5M1439A STD, .25, .50, .75, 1.00		54.942/2.1631	58.645/2.3089	1.835/.0722	19.10/.752	F810	1437A
		54.955/2.1636	58.658/2.3094				UL
		54.942/2.1631	58.645/2.3089	1.835/.0722	31.95/1.258	F810	1439A
		54.955/2.1636	58.658/2.3094				UL
88 Engine		Year		Cyl	Bore x Stroke		88
RB30E 2962cc Inline6 SOHC 2v		03/1986 - 08/1988		L6	86.0mm x 85.0mm		
RB30ET 2962cc Inline6 SOHC 2v Turbo		03/1986 - 07/1989		L6	86.0mm x 85.0mm		
RB30S 2962cc Inline6 SOHC 2v		02/1988 - 12/1997		L6	86.0mm x 85.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2390A STD, .25, .50, .75, 1.00		49.961/1.9670	53.000/2.0866	1.506/.0593	17.10/.673	F810	2390A
		49.974/1.9675	53.011/2.0870				IH
CONROD							
RACE SERIES 6B2390H STD, .025, .25, .50		49.961/1.9670	53.000/2.0866	1.503/.0592	17.10/.673	F781	2390H
		49.974/1.9675	53.011/2.0870				IH
CONROD							
RACE SERIES 6B2390HX STD		<i>0.001" extra oil clearance on STD journal.</i>					
		49.961/1.9670	53.000/2.0866	1.490/.0587	17.10/.673	F781	2390HX
		49.974/1.9675	53.011/2.0870				IH
CONROD							
6B2390P STD, .25, .50, .75, 1.00		49.961/1.9670	53.000/2.0866	1.506/.0593	17.10/.673	F780	2390
		49.974/1.9675	53.011/2.0870				IH
MAINS							
7M2394A STD, .25, .50, .75	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.830/.0720	19.12/.753	F810	2394A
		54.975/2.1644	58.658/2.3094				UL
	7	54.951/2.1634	58.645/2.3089	1.830/.0720	26.95/1.061	F810	2395A(F)
		54.975/2.1644	58.658/2.3094				UL
MAINS							
RACE SERIES 7M2394H STD, .025, .25, .50	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.827/.0719	19.12/.753	F780	2394H
		54.975/2.1644	58.658/2.3094				UL
	7	54.951/2.1634	58.645/2.3089	1.827/.0719	26.95/1.061	F780	2395H(F)
		54.975/2.1644	58.658/2.3094				UL
MAINS							
RACE SERIES 7M2394HX STD	1,2,3,4,5,6	<i>0.001" extra oil clearance on STD journal.</i>					
		54.951/2.1634	58.645/2.3089	1.814/.0714	19.12/.753	F780	2394HX
	7	54.975/2.1644	58.658/2.3094				UL
		54.951/2.1634	58.645/2.3089	1.814/.0714	26.95/1.061	F780	2395HX(F)
		54.975/2.1644	58.658/2.3094				UL
MAINS							
7M2394P STD, .25, .50, .75	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.830/.0720	19.12/.753	F780	2394
		54.975/2.1644	58.658/2.3094				UL
	7	54.951/2.1634	58.645/2.3089	1.830/.0720	26.95/1.061	F780	2395(F)
		54.975/2.1644	58.658/2.3094				UL
PISTON PIN BUSH							
6RB4074 UNB		<i>Set of 6. Suits 21mm shaft.</i>					
		21.000/.8268	23.975/.9439	1.720/.0677	21.75/.856	F100	6RB4074
		21.012/.8272	24.000/.9449				
PISTON PIN BUSH							
RB4074 UNB		<i>Suits 21mm shaft.</i>					
		21.000/.8268	23.975/.9439	1.720/.0677	21.75/.856	F100	RB4074
		21.012/.8272	24.000/.9449				

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
X10XE 973cc Inline4 DOHC 4v	09/1996 - 08/1999	L4	973	59	20
Z10XE 973cc Inline4 DOHC 4v	09/1999 - 08/2003	L4	973	59	20
Z10XEP 973cc Inline4 DOHC 4v	09/2003 - On	L3	973	59	20
10N 993cc Inline4 OHV 2v	09/1962 - 08/1982	L4	993	60	22
10S 993cc Inline4 OHV 2v	09/1962 - 03/1993	L4	993	60	22
11N 1078cc Inline4 OHV 2v	09/1965 - 08/1973	L4	1078	65	22
11S 1078cc Inline4 OHV 2v	09/1965 - 07/1971	L4	1078	65	22
12N 1196cc Inline4 OHV 2v	08/1973 - 12/1986	L4	1196	72	22
12NC 1196cc Inline4 OHV 2v	09/1982 - 04/1989	L4	1196	72	22
12NV 1196cc Inline4 SOHC 2v	09/1986 - 08/1994	L4	1196	72	1
12NZ 1196cc Inline4 SOHC 2v	03/1993 - 10/2001	L4	1196	72	1
12S 1196cc Inline4 OHV 2v	08/1971 - 08/1990	L4	1196	72	22
12SC 1196cc Inline4 OHV 2v	09/1984 - 07/1986	L4	1196	72	22
12ST 1196cc Inline4 SOHC 2v	08/1982 - 08/1994	L4	1196	72	1
C12NZ 1196cc Inline4 SOHC 2v	09/1989 - 10/2001	L4	1196	72	1
E12GV 1196cc Inline4 OHV 2v	09/1982 - 08/1990	L4	1196	72	22
X12SZ 1196cc Inline4 SOHC 2v	03/1993 - 10/2001	L4	1196	72	1
X12XE 1199cc Inline4 DOHC 4v	09/1997 - 09/2003	L4	1199	73	21
Z12XE 1199cc Inline4 DOHC 4v	09/1997 - 08/2004	L4	1199	73	21
Z12XEP 1229cc Inline4 DOHC 4v	03/2004 - On	L4	1229	74	21
Y13DT 1248cc Inline4 DOHC 4v Turbo Diesel	10/2004 - On	L4	1248	76	19
Z13DT 1248cc Inline4 DOHC 4v Turbo Diesel	06/2003 - On	L4	1248	76	19
Z13DTH 1248cc Inline4 DOHC 4v Turbo Diesel	04/2005 - On	L4	1248	76	19
Z13DTJ 1248cc Inline4 DOHC 4v Turbo Diesel	09/2003 - On	L4	1248	76	19
Z13TD Euro 4 1248cc Inline4 DOHC 4v Turbo Diesel	02/2003 - On	L4	1248	76	18
13N 1297cc Inline4 SOHC 2v	03/1979 - 08/1991	L4	1297	79	1
13NB 1297cc Inline4 SOHC 2v	09/1984 - 08/1991	L4	1297	79	1
13S 1297cc Inline4 SOHC 2v	08/1979 - 02/1993	L4	1297	79	1
C13N 1297cc Inline4 SOHC 2v	08/1979 - 12/1992	L4	1297	79	1
Z14XEL 1364cc Inline4 DOHC 4v	09/2004 - On	L4	1364	83	21
Z14XEP 1364cc Inline4 DOHC 4v	09/2003 - On	L4	1364	83	21
14NV 1389cc Inline4 SOHC 2v	09/1988 - 08/1994	L4	1389	84	1
14SE 1389cc Inline4 SOHC 2v	03/1992 - 09/1998	L4	1389	84	1
C14NZ 1389cc Inline4 SOHC 2v	01/1990 - 10/2001	L4	1389	84	1
C14SE 1389cc Inline4 SOHC 2v	09/1989 - 10/2001	L4	1389	84	1
C14SEL 1389cc Inline4 DOHC 4v	09/1994 - 10/2001	L4	1389	84	1
X14NZ 1389 Inline4 SOHC 2v	09/1991 - 01/2005	L4	1389	84	1
X14SZ 1389cc Inline4 SOHC 2v	03/1993 - 10/2001	L4	1389	84	1
X14XE 1389cc Inline4 DOHC 4v	07/1994 - 01/2005	L4	1389	84	1
Z14XE 1389cc Inline4 DOHC 4v	02/1998 - 12/2009	L4	1389	84	1
1.5L CIH 1492cc Inline4 SOHC 2v	01/1965 - 12/1971	L4	1492	91	7
16N CIH 1584cc Inline4 SOHC 2v	09/1970 - 08/1981	L4	1584	96	7
16S CIH 1584cc Inline4 SOHC 2v	09/1970 - 12/1981	L4	1584	96	7
16D 1598cc Inline4 SOHC 2v Diesel	03/1982 - 01/1989	L4	1598	97	3
16DA 1598cc Inline4 SOHC 2v Diesel	03/1982 - 12/1989	L4	1598	97	3
16N 1598cc Inline4 SOHC 2v	09/1979 - 08/1988	L4	1598	97	3
16NZR 1598cc Inline4 SOHC 2v	09/1995 - 09/1998	L4	1598	97	2
16SH 1598cc Inline4 SOHC 2v	09/1981 - 06/1993	L4	1598	97	3
16SV 1598cc Inline4 SOHC 2v	09/1986 - 08/1996	L4	1598	97	2
C16LZ/LZ2 1598cc Inline4 SOHC 2v	09/1986 - 11/1995	L4	1598	97	2
C16NZ 1598cc Inline4 SOHC 2v	09/1986 - 09/1998	L4	1598	97	2
C16SE 1598cc Inline4 SOHC 2v	05/1988 - 02/1998	L4	1598	97	2
C16SEI 1598cc Inline4 SOHC 2v	09/1989 - 03/1993	L4	1598	97	2
C16SEL 1598cc Inline4 DOHC 4v	08/1997 - 01/2005	L4	1598	97	2
C16XE 1598cc Inline4 DOHC 4v	09/1994 - 01/2005	L4	1598	97	2
E16NZ 1598cc Inline4 SOHC 2v	09/1986 - 11/1995	L4	1598	97	2
E16SE 1598cc Inline4 SOHC 2v	09/1987 - 08/1994	L4	1598	97	2
X16SZ/SZR 1598cc Inline4 SOHC 2v	09/1991 - 01/2005	L4	1598	97	2



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
X16XE/XEL 1598cc Inline4 DOHC 4v	08/1994 - 06/2005	L4	1598	97	2
Y16XE 1598cc Inline4 DOHC 4v	10/1995 - 09/2002	L4	1598	97	2
Z16SE 1598cc Inline4 SOHC 2v	09/2000 - On	L4	1598	97	2
Z16XE/XEP 1598cc Inline4 DOHC 4v	02/1998 - On	L4	1598	97	2
Z16XER 1598cc Inline4 DOHC 4v	12/2006 - On	L4	1598	97	2
Z16YNG 1598cc Inline4 DOHC 4v	09/2001 - On	L4	1598	97	2
17D (Isuzu 4EE1) 1686cc Inline4 SOHC 2v	09/1994 - 10/2001	L4	1686	102	14
X17D (Isuzu 4EE1) 1686cc Inline4 SOHC 2v Diesel	07/1994 - 10/2001	L4	1686	102	14
Y17DT 1686cc Inline4 SOHC 2v Turbo Diesel	02/2000 - 05/2010	L4	1686	102	15
Y17DTL 1686cc Inline4 SOHC 2v Turbo Diesel	09/2000 - 05/2010	L4	1686	102	15
Z17DTH 1686cc Inline4 SOHC 2v Turbo Diesel	06/2003 - 05/2010	L4	1686	102	15
Z17DTL 1686cc Inline4 SOHC 2v Turbo Diesel	04/2003 - 07/2009	L4	1686	102	15
1.7L CIH 1698cc Inline4 SOHC 2v	08/1967 - 08/1971	L4	1698	103	7
17N CIH 1698cc Inline4 SOHC 2v	08/1966 - 10/1982	L4	1698	103	7
17S CIH 1698cc Inline4 SOHC 2v	08/1966 - 02/1975	L4	1698	103	7
17D 1700cc Inline4 SOHC 2v Diesel	01/1988 - 06/1994	L4	1700	103	3
17DR 1700cc Inline4 SOHC 2v Diesel	07/1992 - 01/1999	L4	1700	103	3
X17DTL 1700cc Inline4 SOHC 2v Turbo Diesel	07/1994 - 04/2005	L4	1700	103	28
18E 1796cc Inline4 SOHC 2v	09/1982 - 08/1990	L4	1796	109	3
18N/NV 1796cc Inline4 SOHC 2v	09/1982 - 12/1989	L4	1796	109	3
18S 1796cc Inline4 SOHC 2v	07/1982 - 08/1987	L4	1796	109	3
18SE/SEH 1796cc Inline4 SOHC 2v	09/1986 - 09/1996	L4	1796	109	3
18SV 1796cc Inline4 SOHC 2v	09/1986 - 08/1995	L4	1796	109	3
C18NE 1796cc Inline4 SOHC 2v	01/1985 - 08/1986	L4	1796	109	3
C18NT 1796cc Inline4 SOHC 2v	08/1984 - 09/1992	L4	1796	109	3
C18NV 1796cc Inline4 SOHC 2v	05/1985 - 08/1986	L4	1796	109	3
C18NZ 1796cc Inline4 SOHC 2v	06/1985 - 09/1998	L4	1796	109	3
C18XE/XEL 1796cc Inline4 DOHC 4v	01/1993 - 03/2001	L4	1796	109	3
E18NV/NVR 1796cc Inline4 SOHC 2v	09/1986 - 08/1995	L4	1796	109	3
S18NV 1796cc Inline4 SOHC 2v	01/1985 - 03/1994	L4	1796	109	3
X18XE 1796cc Inline4 DOHC 4v	07/1994 - 03/2001	L4	1796	109	3
X18XE1 1796cc Inline4 DOHC 4v	10/1995 - 09/2000	L4	1796	109	2
Z18XE/XEL 1796cc Inline4 DOHC 4v	09/2000 - On	L4	1796	109	2
Z18XER 1796cc Inline4 DOHC 4v	03/2004 - On	L4	1796	109	2
F8Q Series 1870cc Inline4 SOHC 2v Diesel	03/1998 - 08/2001	L4	1870	114	24
F9Q Series 1870cc Inline4 SOHC 2v Turbo Diesel	01/1999 - On	L4	1870	114	23
19E CIH 1897cc Inline4 SOHC 2v	08/1973 - 08/1981	L4	1897	115	7
19N CIH 1897cc Inline4 SOHC 2v	01/1965 - 12/1981	L4	1897	115	7
19S CIH 1897cc Inline4 SOHC 2v	08/1965 - 08/1981	L4	1897	115	7
19SH CIH 1897cc Inline4 SOHC 2v	01/1972 - 08/1977	L4	1897	115	7
20E CIH 1979cc Inline4 SOHC 2v	08/1973 - 08/1988	L4	1979	120	7
20N CIH 1979cc Inline4 SOHC 2v	01/1975 - 08/1986	L4	1979	120	7
20S CIH 1979cc Inline4 SOHC 2v	09/1975 - 08/1986	L4	1979	120	7
M9R Series 1995cc Inline4 DOHC 4v Turbo Diesel	01/2006 - On	L4	1995	121	26
X20DTH 1995cc Inline4 4v Turbo Diesel	06/1997 - 01/2005	L4	1995	121	11
X20DTL 1995cc Inline4 4v Turbo Diesel	11/1996 - 06/2005	L4	1995	121	11
Y20DTH 1995cc Inline4 4v Turbo Diesel	06/1997 - On	L4	1995	121	11
Y20DTL 1995cc Inline4 4v Turbo Diesel	02/1998 - 06/2005	L4	1995	121	11
20NE 1998cc Inline4 SOHC 2v	09/1986 - 02/1993	L4	1998	121	3
20NEJ 1998cc Inline4 SOHC 2v	10/1995 - 04/2002	L4	1998	121	3
20SE/SEH 1998cc Inline4 SOHC 2v	09/1986 - 12/2000	L4	1998	121	3
20SER 1998cc Inline4 SOHC 2v	09/1986 - 05/1992	L4	1998	121	3
20XE 1998cc Inline4 DOHC 4v	12/1987 - 08/1991	L4	1998	121	3
C20LET 1998cc Inline4 DOHC 4v Turbo	03/1992 - 07/1997	L4	1998	121	29
C20NE/NEF 1998cc Inline4 SOHC 2v	09/1986 - 10/1998	L4	1998	121	3
C20SEL 1998cc Inline4 DOHC 4v	10/1995 - 01/2005	L4	1998	121	3
C20XE 1998cc Inline4 DOHC 4v	03/1988 - 01/1998	L4	1998	121	3
F4R Series 1998cc Inline4 DOHC 4v	08/2001 - On	L4	1998	121	25

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
X20SE 1998cc Inline4 DOHC 4v	01/1994 - 12/2000	L4	1998	121	3
X20XEV 1998cc Inline4 DOHC 4v	02/1994 - 01/2005	L4	1998	121	3
Z20NET (Ecotech LK9) 1998cc Inline4 DOHC 4v Turbo	01/2003 - On	L4	1998	121	8
X22DTH 2172cc Inline4 4v Turbo Diesel	07/1997 - 09/2002	L4	2172	132	12
Y22DTH 2172cc Inline4 4v Turbo Diesel	10/1998 - 07/2003	L4	2172	132	12
Y22DTR 2172cc Inline4 4v Turbo Diesel	09/2000 - 06/2008	L4	2172	132	12
Z2E CIH 2197cc Inline4 SOHC 2v	11/1984 - 08/1987	L4	2197	134	7
C22SEL 2198cc Inline4 DOHC 4v	10/1999 - 09/2002	L4	2198	134	4
X22SE 2198cc Inline 4 DOHC 4v	01/1996 - 12/2002	L4	2198	134	5
X22XE 2198cc Inline4 DOHC 4v	01/1995 - 12/1999	L4	2198	134	5
Y22SE 2198cc Inline4 DOHC 4v	10/1998 - On	L4	2198	134	10
Z22SE (Ecotech L61) 2198cc Inline4 DOHC 4v	01/2000 - On	L4	2198	134	8
C24NE 2410cc Inline4 SOHC 2v	09/1988 - 10/1998	L4	2410	147	13
Z5E CIH 2490cc Inline6 SOHC 2v	08/1979 - 08/1987	L6	2490	151	17
Z5H CIH 2490cc Inline6 SOHC 4v	01/1972 - 08/1975	L6	2490	151	17
Z5NE CIH 2490cc Inline6 SOHC 2v	09/1987 - 10/1990	L6	2490	151	17
Z5S CIH 2490cc Inline6 SOHC 2v	01/1972 - 12/1982	L6	2490	151	17
Y25TD 2497cc (BMW) Inline6 SOHC 2v Turbo Diesel	06/2001 - 09/2003	L6	2497	152	27
X25TD 2498cc (BMW) Inline6 SOHC 2v Turbo Diesel	04/1994 - 02/2001	L6	2498	152	27
X25XE 2498cc V6 DOHC 4v	04/1993 - 08/2001	V6	2498	152	6
C25XE 2498cc V6 DOHC 4v	02/1993 - 03/1997	V6	2498	152	6
C26NE 2594cc Inline4 DOHC 4v	09/1990 - 10/1994	L4	2594	158	17
Z8E CIH 2784cc Inline6 SOHC 2v	03/1969 - 01/1978	L6	2784	169	17
Z8H CIH 2784cc Inline6 SOHC 2v	03/1969 - 08/1987	L6	2784	169	17
Z8S CIH 2784cc Inline6 SOHC 2v	01/1965 - 12/1978	L6	2784	169	17
Z28NEL (HFV6) 2792cc V6 DOHC 4v Turbo	09/2005 - On	V6	2792	170	16
Z28NET (HFV6) 2792cc V6 DOHC 4v Turbo	11/2005 - On	V6	2792	170	16
X30XE 2962cc V6 DOHC 4v	04/1994 - 02/2001	V6	2962	180	9
30E CIH 2969cc Inline6 SOHC 2v	02/1978 - 08/1987	L6	2969	181	17
30H CIH 2969cc Inline6 SOHC 2v	02/1978 - 07/1982	L6	2969	181	17
30NE CIH 2969cc Inline6 SOHC 2v	09/1986 - 10/1994	L6	2969	181	17
C30LE 2969cc Inline6 SOHC 2v	09/1985 - 08/1993	L6	2969	181	17
C30NE 2969cc Inline6 SOHC 2v	09/1985 - 03/1994	L6	2969	181	17
C30SE 2969cc Inline6 DOHC 4v	01/1989 - 10/1994	L6	2969	181	17
C30SEJ 2969cc Inline6 DOHC 4v	01/1989 - 10/1994	L6	2969	181	17



1	Engine	Year	Cyl	Bore x Stroke	1
	12NV 1196cc Inline4 SOHC 2v	09/1986 - 08/1994	L4	77.8mm x 62.9mm	
	12NZ 1196cc Inline4 SOHC 2v	03/1993 - 10/2001	L4	72.0mm x 73.4mm	
	12ST 1196cc Inline4 SOHC 2v	08/1982 - 08/1994	L4	77.8mm x 62.9mm	
	13N 1297cc Inline4 SOHC 2v	03/1979 - 08/1991	L4	75.0mm x 73.4mm	
	13NB 1297cc Inline4 SOHC 2v	09/1984 - 08/1991	L4	75.0mm x 73.4mm	
	13S 1297cc Inline4 SOHC 2v	08/1979 - 02/1993	L4	75.0mm x 73.4mm	
	14NV 1389cc Inline4 SOHC 2v	09/1988 - 08/1994	L4	77.6mm x 73.4mm	
	14SE 1389cc Inline4 SOHC 2v	03/1992 - 09/1998	L4	77.6mm x 73.4mm	
	C12NZ 1196cc Inline4 SOHC 2v	09/1989 - 10/2001	L4	72.0mm x 73.4mm	
	C13N 1297cc Inline4 SOHC 2v	08/1979 - 12/1992	L4	75.0mm x 73.4mm	
	C14NZ 1389cc Inline4 SOHC 2v	01/1990 - 10/2001	L4	77.6mm x 73.4mm	
	C14SE 1389cc Inline4 SOHC 2v	09/1989 - 10/2001	L4	77.6mm x 73.4mm	
	C14SEL 1389cc Inline4 DOHC 4v	09/1994 - 10/2001	L4	77.6mm x 73.4mm	
	X12SZ 1196cc Inline4 SOHC 2v	03/1993 - 10/2001	L4	72.0mm x 73.4mm	
	X14NZ 1389 Inline4 SOHC 2v	09/1991 - 01/2005	L4	77.6mm x 73.4mm	
	X14SZ 1389cc Inline4 SOHC 2v	03/1993 - 10/2001	L4	77.6mm x 73.4mm	
	X14XE 1389cc Inline4 DOHC 4v	07/1994 - 01/2005	L4	77.6mm x 73.4mm	
	Z14XE 1389cc Inline4 DOHC 4v	02/1998 - 12/2009	L4	77.6mm x 73.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Oil hole in upper and lower shell. Supercedes 4B1340 and 4B1345. Was 4B1451AL.</i>							
4B1350A STD, .25, .50, .75, 1.00		42.971/1.6918	46.000/1.8110	1.497/.0589	16.63/.655	F810	1350A
		42.987/1.6924	46.013/1.8115				IH
MAINS <i>Overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.20mm, 0.50/0.75/1.00/1.25/1.50mm=Std+0.40mm. Was 5M1801A.</i>							
5M1338A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	54.972/2.1642	59.000/2.3228	2.001/.0788	19.50/.768	F810	1338A
		54.985/2.1648	59.013/2.3233				IH
	3	54.972/2.1642	59.000/2.3228	2.001/.0788	25.90/1.020	F810	1339A(F)
		54.985/2.1648	59.013/2.3233				IH

2	Engine	Year	Cyl	Bore x Stroke	2
	16NZR 1598cc Inline4 SOHC 2v	09/1995 - 09/1998	L4	79.0mm x 81.5mm	
	16SV 1598cc Inline4 SOHC 2v	09/1986 - 08/1996	L4	79.0mm x 81.5mm	
	C16LZ/LZ2 1598cc Inline4 SOHC 2v	09/1986 - 11/1995	L4	79.0mm x 81.5mm	
	C16NZ 1598cc Inline4 SOHC 2v	09/1986 - 09/1998	L4	79.0mm x 81.5mm	
	C16SE 1598cc Inline4 SOHC 2v	05/1988 - 02/1998	L4	79.0mm x 81.5mm	
	C16SEI 1598cc Inline4 SOHC 2v	09/1989 - 03/1993	L4	79.0mm x 81.5mm	
	C16SEL 1598cc Inline4 DOHC 4v	08/1997 - 01/2005	L4	79.0mm x 81.5mm	
	C16XE 1598cc Inline4 DOHC 4v	09/1994 - 01/2005	L4	79.0mm x 81.5mm	
	E16NZ 1598cc Inline4 SOHC 2v	09/1986 - 11/1995	L4	79.0mm x 81.5mm	
	E16SE 1598cc Inline4 SOHC 2v	09/1987 - 08/1994	L4	79.0mm x 81.5mm	
	X16SZ/SZR 1598cc Inline4 SOHC 2v	09/1991 - 01/2005	L4	79.0mm x 81.5mm	
	X16XE/XEL 1598cc Inline4 DOHC 4v	08/1994 - 06/2005	L4	79.0mm x 81.5mm	
	X18XE1 1796cc Inline4 DOHC 4v	10/1995 - 09/2000	L4	80.5mm x 88.2mm	
	Y16XE 1598cc Inline4 DOHC 4v	10/1995 - 09/2002	L4	79.0mm x 81.5mm	
	Z16SE 1598cc Inline4 SOHC 2v	09/2000 - On	L4	79.0mm x 81.5mm	
	Z16XE/XEP 1598cc Inline4 DOHC 4v	02/1998 - On	L4	79.0mm x 81.5mm	
	Z16XER 1598cc Inline4 DOHC 4v	12/2006 - On	L4	79.0mm x 81.5mm	
	Z16YNG 1598cc Inline4 DOHC 4v	09/2001 - On	L4	79.0mm x 81.5mm	
	Z18XE/XEL 1796cc Inline4 DOHC 4v	09/2000 - On	L4	80.5mm x 88.2mm	
	Z18XER 1796cc Inline4 DOHC 4v	03/2004 - On	L4	80.5mm x 88.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Oil hole in upper and lower shell. Supercedes 4B1340 and 4B1345. Was 4B1451AL.</i>							
4B1350A STD, .25, .50, .75, 1.00		42.971/1.6918	46.000/1.8110	1.497/.0589	16.63/.655	F810	1350A
		42.987/1.6924	46.013/1.8115				IH

2 Continued ... **2**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.20mm, 0.50/0.75/1.00/1.25/1.50mm=Std+0.40mm. Was 5M1801A.</i>							
5M1338A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	54.972/2.1642	59.000/2.3228	2.001/.0788	19.50/.768	F810	1338A IH
	3	54.972/2.1642	59.000/2.3228	2.001/.0788	25.90/1.020	F810	1339A(F) IH

3 Engine **3**

Engine	Year	Cyl	Bore x Stroke
16D 1598cc Inline4 SOHC 2v Diesel	03/1982 - 01/1989	L4	80.0mm x 79.5mm
16DA 1598cc Inline4 SOHC 2v Diesel	03/1982 - 12/1989	L4	80.0mm x 79.5mm
16N 1598cc Inline4 SOHC 2v	09/1979 - 08/1988	L4	80.0mm x 79.5mm
16SH 1598cc Inline4 SOHC 2v	09/1981 - 06/1993	L4	80.0mm x 79.5mm
17D 1700cc Inline4 SOHC 2v Diesel	01/1988 - 06/1994	L4	82.5mm x 79.5mm
17DR 1700cc Inline4 SOHC 2v Diesel	07/1992 - 01/1999	L4	82.5mm x 79.5mm
18E 1796cc Inline4 SOHC 2v	09/1982 - 08/1990	L4	84.8mm x 79.5mm
18N/NV 1796cc Inline4 SOHC 2v	09/1982 - 12/1989	L4	84.8mm x 79.5mm
18S 1796cc Inline4 SOHC 2v	07/1982 - 08/1987	L4	84.8mm x 79.5mm
18SE/SEH 1796cc Inline4 SOHC 2v	09/1986 - 09/1996	L4	84.8mm x 79.5mm
18SV 1796cc Inline4 SOHC 2v	09/1986 - 08/1995	L4	84.8mm x 79.5mm
20NE 1998cc Inline4 SOHC 2v	09/1986 - 02/1993	L4	86.0mm x 86.0mm
20NEJ 1998cc Inline4 SOHC 2v	10/1995 - 04/2002	L4	86.0mm x 86.0mm
20SE/SEH 1998cc Inline4 SOHC 2v	09/1986 - 12/2000	L4	86.0mm x 86.0mm
20SER 1998cc Inline4 SOHC 2v	09/1986 - 05/1992	L4	86.0mm x 86.0mm
20XE 1998cc Inline4 DOHC 4v	12/1987 - 08/1991	L4	86.0mm x 86.0mm
C18NE 1796cc Inline4 SOHC 2v	01/1985 - 08/1986	L4	84.8mm x 79.5mm
C18NT 1796cc Inline4 SOHC 2v	08/1984 - 09/1992	L4	84.8mm x 79.5mm
C18NV 1796cc Inline4 SOHC 2v	05/1985 - 08/1986	L4	84.8mm x 79.5mm
C18NZ 1796cc Inline4 SOHC 2v	06/1985 - 09/1998	L4	84.8mm x 79.5mm
C18XE/XEL 1796cc Inline4 DOHC 4v	01/1993 - 03/2001	L4	81.6mm x 86.0mm
C20NE/NEF 1998cc Inline4 SOHC 2v	09/1986 - 10/1998	L4	86.0mm x 86.0mm
C20SEL 1998cc Inline4 DOHC 4v	10/1995 - 01/2005	L4	86.0mm x 86.0mm
C20XE 1998cc Inline4 DOHC 4v	03/1988 - 01/1998	L4	86.0mm x 86.0mm
E18NV/NVR 1796cc Inline4 SOHC 2v	09/1986 - 08/1995	L4	84.8mm x 79.5mm
S18NV 1796cc Inline4 SOHC 2v	01/1985 - 03/1994	L4	84.8mm x 79.5mm
X18XE 1796cc Inline4 DOHC 4v	07/1994 - 03/2001	L4	81.6mm x 86.0mm
X20SE 1998cc Inline4 DOHC 4v	01/1994 - 12/2000	L4	86.0mm x 86.0mm
X20XEV 1998cc Inline4 DOHC 4v	02/1994 - 01/2005	L4	86.0mm x 86.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD <i>Has one oil hole in the upper shell at 13 degrees from centre.</i>							
4B2320A STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2320A UL
		48.987/1.9286	52.012/2.0477				

CONROD <i>Has one oil hole in the upper shell at 13 degrees from centre.</i>							
4B2320P STD, .25, .50, .75, 1.00		52.000/2.0472	52.012/2.0477	1.500/.0591	19.30/.760	F780	2320 UL
		48.987/1.9286	52.012/2.0477				

CONROD <i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
4B2322A STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A UL
		48.987/1.9286	52.012/2.0477				

RACE SERIES CONROD							
4B2322H STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H UL
		48.987/1.9286	52.012/2.0477				

RACE SERIES CONROD <i>0.001" extra oil clearance on STD journal.</i>							
4B2322HX STD		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX UL
		48.987/1.9286	52.012/2.0477				

MAINS <i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>							
5M2293A STD, .25, .50	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F820	2293AL UL
		57.995/2.2833	62.013/2.4415				



3 Continued ...								3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M2293A STD, .25, .50	3	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	25.90/1.020	F820	2294AL UL	
MAINS		<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>						
5M2327A STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F810	2327A IH	
	3	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	25.90/1.020	F810	2328A(F) IH	
MAINS		<i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>						
5M2329A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F810	2327A IH	
	3	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	25.90/1.020	F810	2329A(F) IH	

4 Engine				Year	Cyl	Bore x Stroke	4
C22SEL 2198cc Inline4 DOHC 4v				10/1999 - 09/2002	L4	86.0mm x 94.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
4B2322A STD, .25, .50, .75, 1.00		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2322A UL
RACE SERIES 4B2322H STD, .025, .25, .50	CONROD	48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL
RACE SERIES 4B2322HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.485/.0585	19.30/.760	F781	2322HX UL
MAINS		<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have 2 oil holes.</i>					
5M2325A STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F810	2327A IH
	3	57.974/2.2824 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	25.90/1.020	F810	2325A(F) IH

5 Engine				Year	Cyl	Bore x Stroke	5
X22SE 2198cc Inline 4 DOHC 4v				01/1996 - 12/2002	L4	86.0mm x 94.6mm	
X22XE 2198cc Inline4 DOHC 4v				01/1995 - 12/1999	L4	86.0mm x 94.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
4B2322A STD, .25, .50, .75, 1.00		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2322A UL
RACE SERIES 4B2322H STD, .025, .25, .50	CONROD	48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL
RACE SERIES 4B2322HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.485/.0585	19.30/.760	F781	2322HX UL
MAINS		<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have 2 oil holes.</i>					
5M2325A STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F810	2327A IH
	3	57.974/2.2824 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	25.90/1.020	F810	2325A(F) IH

5 Continued ... **5**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>5M2413 has over width flanges for undersizes: .25mm=Std+.10mm, .50/.75/1.00mm=Std+.20mm.</i>							
5M2413P STD, .25, .50, .75	1,2,4,5	57.974/2.2824 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F780	2413 IH
	3	57.974/2.2824 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	25.90/1.020	F780	2414(F) IH

6 Engine **6**

Engine	Year	Cyl	Bore x Stroke
X25XE 2498cc V6 DOHC 4v	04/1993 - 08/2001	V6	81.6mm x 79.6mm
C25XE 2498cc V6 DOHC 4v	02/1993 - 03/1997	V6	81.6mm x 79.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2420A STD, .25, .50, .75, 1.00		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	16.30/.642	F810	2420A IH
	MAINS						
4M5564A STD, .25, .50, .75, 1.00	1 Pair	67.981/2.6764 67.996/2.6770	71.999/2.8346 72.014/2.8352	1.994/.0785	20.00/.787	F810	5564A IH
	1 Pair	67.981/2.6764 67.996/2.6770	71.999/2.8346 72.014/2.8352	1.994/.0785	24.50/.965	F810	5566A(F) IH
	2 Pair	67.981/2.6764 67.996/2.6770	71.999/2.8346 72.014/2.8352	1.994/.0785	17.00/.669	F810	5565A UL

7 Engine **7**

Engine	Year	Cyl	Bore x Stroke
1.5L CIH 1492cc Inline4 SOHC 2v	01/1965 - 12/1971	L4	82.5mm x 69.8mm
1.7L CIH 1698cc Inline4 SOHC 2v	08/1967 - 08/1971	L4	88.0mm x 69.8mm
16N CIH 1584cc Inline4 SOHC 2v	09/1970 - 08/1981	L4	85.0mm x 69.8mm
16S CIH 1584cc Inline4 SOHC 2v	09/1970 - 12/1981	L4	85.0mm x 69.8mm
17N CIH 1698cc Inline4 SOHC 2v	08/1966 - 10/1982	L4	88.0mm x 69.8mm
17S CIH 1698cc Inline4 SOHC 2v	08/1966 - 02/1975	L4	88.0mm x 69.8mm
19E CIH 1897cc Inline4 SOHC 2v	08/1973 - 08/1981	L4	93.0mm x 69.8mm
19N CIH 1897cc Inline4 SOHC 2v	01/1965 - 12/1981	L4	93.0mm x 69.8mm
19S CIH 1897cc Inline4 SOHC 2v	08/1965 - 08/1981	L4	93.0mm x 69.9mm
19SH CIH 1897cc Inline4 SOHC 2v	01/1972 - 08/1977	L4	93.0mm x 69.8mm
20E CIH 1979cc Inline4 SOHC 2v	08/1973 - 08/1988	L4	95.0mm x 69.8mm
20N CIH 1979cc Inline4 SOHC 2v	01/1975 - 08/1986	L4	95.0mm x 69.8mm
20S CIH 1979cc Inline4 SOHC 2v	09/1975 - 08/1986	L4	95.0mm x 69.8mm
22E CIH 2197cc Inline4 SOHC 2v	11/1984 - 08/1987	L4	95.0mm x 77.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1370A STD, 010, 020, 030, 040		51.968/2.0460 51.986/2.0467	54.988/2.1649 55.011/2.1658	1.450/.0571	19.70/.776	F810	1370A IH
	CONROD						
4B1370P STD, 010, 020, 030, 040		51.968/2.0460 51.986/2.0467	54.988/2.1649 55.011/2.1658	1.450/.0571	19.70/.776	F780	1370 IH
	MAINS <i>Overwidth flanges for undersizes: 010/020/030/040"=Std+.26mm.</i>						
5M1342A STD, 010, 020, 030, 040	1,2,3,4	57.988/2.2830 58.001/2.2835	61.999/2.4409 62.014/2.4415	1.986/.0782	22.42/.883	F810	1342A IH
	5	57.988/2.2830 58.001/2.2835	61.999/2.4409 62.014/2.4415	1.986/.0782	27.41/1.079	F810	1343A(F) IH



8 Engine		Year	Cyl	Bore x Stroke	8		
Z20NET (Ecotech LK9) 1998cc Inline4 DOHC 4v Turbo		01/2003 - On	L4	86.0mm x 86.0mm			
Z22SE (Ecotech L61) 2198cc Inline4 DOHC 4v		01/2000 - On	L4	86.0mm x 94.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2296A STD, .25, .50, .75		49.000/1.9291	52.118/2.0519	1.542/.0607	20.30/.799	F810	2296A
		49.014/1.9297	52.134/2.0525				
MAINS							
5M2232A STD, 10, 20	1,3,4,5	55.991/2.2044	64.066/2.5223	4.036/.1589	19.79/.779	F810	7320A
		56.007/2.2050	64.081/2.5229				UL
	2	55.991/2.2044	64.066/2.5223	4.041/.1591	25.88/1.019	F810	7321A(F)
		56.007/2.2050	64.081/2.5229				UL
9 Engine		Year	Cyl	Bore x Stroke	9		
X30XE 2962cc V6 DOHC 4v		04/1994 - 02/2001	V6	86.0mm x 85.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B5502A STD, 0.25, 0.50		53.971/2.1248	57.000/2.2441	1.497/.0589	16.30/.642	F810	5502A
		53.987/2.1255	57.012/2.2446				
MAINS							
4M5564A STD, .25, .50, .75, 1.00	1 Pair	67.981/2.6764	71.999/2.8346	1.994/.0785	20.00/.787	F810	5564A
		67.996/2.6770	72.014/2.8352				IH
	1 Pair	67.981/2.6764	71.999/2.8346	1.994/.0785	24.50/.965	F810	5566A(F)
		67.996/2.6770	72.014/2.8352				IH
	2 Pair	67.981/2.6764	71.999/2.8346	1.994/.0785	17.00/.669	F810	5565A
			67.996/2.6770	72.014/2.8352			
10 Engine		Year	Cyl	Bore x Stroke	10		
Y22SE 2198cc Inline4 DOHC 4v		10/1998 - On	L4	86.0mm x 94.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2322A STD, .25, .50, .75, 1.00		<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A
		48.987/1.9286	52.012/2.0477				UL
RACE SERIES							
4B2322H STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				
RACE SERIES							
4B2322HX STD		<i>0.001" extra oil clearance on STD journal.</i>					
		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
MAINS							
5M2293A STD, .25, .50	1,2,4,5	<i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>					
		57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F820	2293AL
		57.995/2.2833	62.013/2.4415				UL
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F820	2294AL
		57.995/2.2833	62.013/2.4415				UL
	MAINS						
5M2327A STD, .25, .50, .75, 1.00	1,2,4,5	<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>					
		57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F)
		57.995/2.2833	62.013/2.4415				IH
	MAINS						
5M2329A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	<i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>					
		57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2329A(F)
		57.995/2.2833	62.013/2.4415				IH

11	Engine	Year	Cyl	Bore x Stroke	11
	X20DTH 1995cc Inline4 4v Turbo Diesel	06/1997 - 01/2005	L4	84.0mm x 90.0mm	
	X20DTL 1995cc Inline4 4v Turbo Diesel	11/1996 - 06/2005	L4	84.0mm x 90.0mm	
	Y20DTH 1995cc Inline4 4v Turbo Diesel	06/1997 - On	L4	84.0mm x 90.0mm	
	Y20DTL 1995cc Inline4 4v Turbo Diesel	02/1998 - 06/2005	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5290D STD, .25, .50	CONROD	48.971/1.9280	52.000/2.0472	1.500/.0591	20.30/.799	F810	5291A
		48.990/1.9287	52.012/2.0477				L
		48.971/1.9280	52.000/2.0472	1.500/.0591	20.30/.799	F781	5290D
		48.990/1.9287	52.012/2.0477				U
4B5290P STD, .25, .50	CONROD	48.971/1.9280	52.000/2.0472	1.500/.0591	20.30/.799	F780	5291
		48.990/1.9287	52.012/2.0477				L
		48.971/1.9280	52.000/2.0472	1.500/.0591	20.30/.799	F780	5290
		48.990/1.9287	52.012/2.0477				U
5M5287A STD, .25, .50	MAINS 1,2,4,5	67.980/2.6764	72.000/2.8346	1.995/.0785	19.50/.768	F810	5287A
		67.996/2.6770	72.013/2.8352				UL
	3	67.980/2.6764	72.000/2.8346	1.995/.0785	25.90/1.020	F810	5288A
		67.996/2.6770	72.013/2.8352				UL
RB4119 UNB	PISTON PIN BUSH	28.995/1.1415	32.000/1.2598	1.800/.0709	26.80/1.055	F100	RB4119
		29.000/1.1417	32.051/1.2618				

12	Engine	Year	Cyl	Bore x Stroke	12
	X22DTH 2172cc Inline4 4v Turbo Diesel	07/1997 - 09/2002	L4	84.0mm x 98.0mm	
	Y22DTH 2172cc Inline4 4v Turbo Diesel	10/1998 - 07/2003	L4	84.0mm x 98.0mm	
	Y22DTR 2172cc Inline4 4v Turbo Diesel	09/2000 - 06/2008	L4	84.0mm x 98.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5290D STD, .25, .50	CONROD	48.971/1.9280	52.000/2.0472	1.500/.0591	20.30/.799	F781	5290D
		48.990/1.9287	52.012/2.0477				U
		48.971/1.9280	52.000/2.0472	1.500/.0591	20.30/.799	F810	5291A
		48.990/1.9287	52.012/2.0477				L
5M5287A STD, .25, .50	MAINS 1,2,4,5	67.980/2.6764	72.000/2.8346	1.995/.0785	19.50/.768	F810	5287A
		67.996/2.6770	72.013/2.8352				UL
	3	67.980/2.6764	72.000/2.8346	1.995/.0785	25.90/1.020	F810	5288A
		67.996/2.6770	72.013/2.8352				UL
RB4119 UNB	PISTON PIN BUSH	28.995/1.1415	32.000/1.2598	1.800/.0709	26.80/1.055	F100	RB4119
		29.000/1.1417	32.051/1.2618				

13	Engine	Year	Cyl	Bore x Stroke	13
	C24NE 2410cc Inline4 SOHC 2v	09/1988 - 10/1998	L4	95.0mm x 85.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B5286P STD, .25, .50	CONROD	51.971/2.0461	55.000/2.1654	1.499/.0590	19.61/.772	F780	5286	
		51.987/2.0467	55.012/2.1658				IH	
5M1342A STD, 010, 020, 030, 040	MAINS	<i>Overwidth flanges for undersizes: 010/020/030/040"=Std+.26mm.</i>						
		1,2,3,4	57.988/2.2830	61.999/2.4409	1.986/.0782	22.42/.883	F810	1342A
			58.001/2.2835	62.014/2.4415				IH
		5	57.988/2.2830	61.999/2.4409	1.986/.0782	27.41/1.079	F810	1343A(F)
58.001/2.2835	62.014/2.4415					IH		



14 Engine		Year		Cyl	Bore x Stroke		14
17D (Isuzu 4EE1) 1686cc Inline4 SOHC 2v		09/1994 - 10/2001		L4	79.0mm x 86.0mm		
X17D (Isuzu 4EE1) 1686cc Inline4 SOHC 2v Diesel		07/1994 - 10/2001		L4	79.0mm x 86.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1816A STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F810	1816A IH
4B1816P STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F780	1816 IH
MAINS <i>Suits 56mm housing.</i>							
5M1819A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	51.925/2.0443 51.938/2.0448	55.976/2.2038 56.000/2.2047	2.006/.0790	15.50/.610	F810	1819A UL
THRUST <i>73.85mm OD.</i>							
1T1867 STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.21/.087	F817	1867T IH
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4232 UNB			30.000/1.1811	1.540/.0606	23.75/.935	F100	4RB4232
PISTON PIN BUSH							
RB4232 UNB			30.000/1.1811	1.540/.0606	23.75/.935	F100	RB4232

15 Engine		Year		Cyl	Bore x Stroke		15
Y17DT 1686cc Inline4 SOHC 2v Turbo Diesel		02/2000 - 05/2010		L4	79.0mm x 86.0mm		
Y17DTL 1686cc Inline4 SOHC 2v Turbo Diesel		09/2000 - 05/2010		L4	79.0mm x 86.0mm		
Z17DTH 1686cc Inline4 SOHC 2v Turbo Diesel		06/2003 - 05/2010		L4	79.0mm x 86.0mm		
Z17DTL 1686cc Inline4 SOHC 2v Turbo Diesel		04/2003 - 07/2009		L4	79.0mm x 86.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1816A STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F810	1816A IH
4B1816P STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F780	1816 IH
MAINS <i>Suits 56mm housing.</i>							
5M1819A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	51.925/2.0443 51.938/2.0448	55.976/2.2038 56.000/2.2047	2.006/.0790	15.50/.610	F810	1819A UL
THRUST <i>73.85mm OD.</i>							
1T1867 STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.21/.087	F817	1867T IH
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4232 UNB			30.000/1.1811	1.540/.0606	23.75/.935	F100	4RB4232

16 Engine		Year		Cyl	Bore x Stroke		16
Z28NEL (HFV6) 2792cc V6 DOHC 4v Turbo		09/2005 - On		V6	89.0mm x 74.8mm		
Z28NET (HFV6) 2792cc V6 DOHC 4v Turbo		11/2005 - On		V6	89.0mm x 74.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2270A STD, .25, .50, .75, 1.00		55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.801/.0709	18.55/.730	F810	2270A IH
RACE SERIES 6B2270H Std, .025, .25		55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.798/.0708	18.55/.730	F781	2270H IH
RACE SERIES 6B2270HX Std		55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.785/.0703	18.55/.730	F781	2270HX IH

16 Continued ...							16
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4M2273A STD, .25, .50, .75, 1.00	MAINS 1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	19.75/.778	F810	2273A UL
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	19.75/.778	F810	2273A L
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	24.29/.956	F810	2274A(F) U
RACE SERIES 4M2273H Std, .025, .25	MAINS 1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	19.75/.778	F780	2273H UL
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	24.29/.956	F780	2274H(F) U
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	19.75/.778	F780	2273H L
RACE SERIES 4M2273HX Std	MAINS 1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	19.75/.778	F780	2273HX UL
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	19.75/.778	F770	2273HX L
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	24.29/.956	F780	2274HX(F) U

17 Engine	Year	Cyl	Bore x Stroke	17
25E CIH 2490cc Inline6 SOHC 2v	08/1979 - 08/1987	L6	87.0mm x 69.8mm	
25H CIH 2490cc Inline6 SOHC 4v	01/1972 - 08/1975	L6	87.0mm x 69.8mm	
25NE CIH 2490cc Inline6 SOHC 2v	09/1987 - 10/1990	L6	87.0mm x 69.8mm	
25S CIH 2490cc Inline6 SOHC 2v	01/1972 - 12/1982	L6	87.0mm x 69.8mm	
28E CIH 2784cc Inline6 SOHC 2v	03/1969 - 01/1978	L6	92.0mm x 69.8mm	
28H CIH 2784cc Inline6 SOHC 2v	03/1969 - 08/1987	L6	92.0mm x 69.8mm	
28S CIH 2784cc Inline6 SOHC 2v	01/1965 - 12/1978	L6	92.0mm x 69.8mm	
30E CIH 2969cc Inline6 SOHC 2v	02/1978 - 08/1987	L6	95.0mm x 69.8mm	
30H CIH 2969cc Inline6 SOHC 2v	02/1978 - 07/1982	L6	95.0mm x 69.8mm	
30NE CIH 2969cc Inline6 SOHC 2v	09/1986 - 10/1994	L6	95.0mm x 69.8mm	
C26NE 2594cc Inline4 DOHC 4v	09/1990 - 10/1994	L4	88.8mm x 69.8mm	
C30LE 2969cc Inline6 SOHC 2v	09/1985 - 08/1993	L6	95.0mm x 69.8mm	
C30NE 2969cc Inline6 SOHC 2v	09/1985 - 03/1994	L6	95.0mm x 69.8mm	
C30SE 2969cc Inline6 DOHC 4v	01/1989 - 10/1994	L6	95.0mm x 69.8mm	
C30SEJ 2969cc Inline6 DOHC 4v	01/1989 - 10/1994	L6	95.0mm x 69.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
6B1370A STD, 010, 020, 030, 040	CONROD	51.968/2.0460	54.988/2.1649	1.450/.0571	19.70/.776	F810	1370A IH	
		51.986/2.0467	55.011/2.1658					
6B1370P STD, 010, 020, 030, 040	CONROD	51.968/2.0460	54.988/2.1649	1.450/.0571	19.70/.776	F780	1370 IH	
		51.986/2.0467	55.011/2.1658					
7M1342A STD, 010, 020, 030, 040	MAINS	<i>Overwidth flanges for undersizes: 010/020/030/040"=Std+.26mm.</i>						
		1,2,3,4,5,6	57.988/2.2830 58.001/2.2835	61.999/2.4409 62.014/2.4415	1.986/.0782	22.42/.883	F810	1342A IH
		7	57.988/2.2830 58.001/2.2835	61.999/2.4409 62.014/2.4415	1.986/.0782	27.41/1.079	F810	1343A(F) IH

18 Engine	Year	Cyl	Bore x Stroke	18
Z13TD Euro 4 1248cc Inline4 DOHC 4v Turbo Diesel	02/2003 - On	L4	69.6mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2890A STD, .25, .50	CONROD			1.560/.0614	20.00/.787	F810	2890A IH



18 Continued ...							18
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2890P STD, .25, .50	CONROD			1.560/.0614	20.00/.787	F780	2890 IH
5M2894A STD, .25, .50	MAINS 1,2,3,4,5			1.846/.0727	19.00/.748	F810	2894A UL
1T2894A STD	THRUST				2.36/.093	F817	2894T UL
4RB4164 UNB	PISTON PIN BUSH	Set of 4.			22.50/.886	F100	4RB4164
RB4164 UNB	PISTON PIN BUSH				22.50/.886	F100	RB4164

19 Engine				Year	Cyl	Bore x Stroke	19
Y13DT 1248cc Inline4 DOHC 4v Turbo Diesel				10/2004 - On	L4	69.6mm x 82.0mm	
Z13DT 1248cc Inline4 DOHC 4v Turbo Diesel				06/2003 - On	L4	69.6mm x 82.0mm	
Z13DTH 1248cc Inline4 DOHC 4v Turbo Diesel				04/2005 - On	L4	69.6mm x 82.0mm	
Z13DTJ 1248cc Inline4 DOHC 4v Turbo Diesel				09/2003 - On	L4	69.6mm x 82.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2890A STD, .25, .50	CONROD			1.560/.0614	20.00/.787	F810	2890A IH
4B2890P STD, .25, .50	CONROD			1.560/.0614	20.00/.787	F780	2890 IH
5M2895A STD, .25, .50	MAINS 1,2,4,5			1.846/.0727	19.00/.748	F810	2894A UL
	3	50.982/2.0072 51.000/2.0079	54.710/2.1539 54.722/2.1544	1.840/.0724	23.95/.943	F810	2895A(F) UL

20 Engine				Year	Cyl	Bore x Stroke	20
X10XE 973cc Inline4 DOHC 4v				09/1996 - 08/1999	L4	72.5mm x 78.6mm	
Z10XE 973cc Inline4 DOHC 4v				09/1999 - 08/2003	L4	72.5mm x 78.6mm	
Z10XEP 973cc Inline4 DOHC 4v				09/2003 - On	L3	73.4mm x 78.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
3B2423A STD, .25, .50	CONROD	42.971/1.6918 42.987/1.6924	46.000/1.8110 46.012/1.8115	1.500/.0591	13.20/.520	F810	2423A IH
4M2425A STD, .25, .50	MAINS	49.984/1.9679 49.997/1.9684 49.984/1.9679 49.997/1.9684	54.000/2.1260 54.013/2.1265 54.000/2.1260 54.013/2.1265	1.995/.0785 1.995/.0785	22.90/.902 17.10/.673	F810 F810	2424A(F) IH 2425A IH

21	Engine	Year	Cyl	Bore x Stroke	21
	X12XE 1199cc Inline4 DOHC 4v	09/1997 - 09/2003	L4	72.5mm x 72.6mm	
	Z12XE 1199cc Inline4 DOHC 4v	09/1997 - 08/2004	L4	72.5mm x 72.6mm	
	Z12XEP 1229cc Inline4 DOHC 4v	03/2004 - On	L4	73.4mm x 72.6mm	
	Z14XEL 1364cc Inline4 DOHC 4v	09/2004 - On	L4	73.4mm x 80.6mm	
	Z14XEP 1364cc Inline4 DOHC 4v	09/2003 - On	L4	73.4mm x 80.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2423A STD, .25, .50	CONROD	42.971/1.6918	46.000/1.8110	1.500/.0591	13.20/.520	F810	2423A IH
		42.987/1.6924	46.012/1.8115				
5M2425A STD, .25, .50	MAINS	49.984/1.9679	54.000/2.1260	1.995/.0785	22.90/.902	F810	2424A(F) IH
		49.997/1.9684	54.013/2.1265				
		49.984/1.9679	54.000/2.1260	1.995/.0785	17.10/.673	F810	2425A IH
		49.997/1.9684	54.013/2.1265				

22	Engine	Year	Cyl	Bore x Stroke	22
	10N 993cc Inline4 OHV 2v	09/1962 - 08/1982	L4	72.0mm x 61.0mm	
	10S 993cc Inline4 OHV 2v	09/1962 - 03/1993	L4	72.0mm x 61.0mm	
	11N 1078cc Inline4 OHV 2v	09/1965 - 08/1973	L4	75.0mm x 61.0mm	
	11S 1078cc Inline4 OHV 2v	09/1965 - 07/1971	L4	75.0mm x 61.0mm	
	12N 1196cc Inline4 OHV 2v	08/1973 - 12/1986	L4	79.0mm x 61.0mm	
	12NC 1196cc Inline4 OHV 2v	09/1982 - 04/1989	L4	79.0mm x 61.0mm	
	12S 1196cc Inline4 OHV 2v	08/1971 - 08/1990	L4	79.0mm x 61.0mm	
	12SC 1196cc Inline4 OHV 2v	09/1984 - 07/1986	L4	79.0mm x 61.0mm	
	E12GV 1196cc Inline4 OHV 2v	09/1982 - 08/1990	L4	79.0mm x 61.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1371A STD, 010, 020, 030, 040	CONROD	44.971/1.7705	48.000/1.8898	1.499/.0590	19.20/.756	F810	1371A IH	
		44.987/1.7711	48.012/1.8902					
3M1372A STD, 010, 020, 030, 040	MAINS	<i>Overwidth Flanges on Undersizes. STD=STD, 010=STD+0.20mm, 020/030/040=STD+0.40mm</i>						
		1	53.997/2.1259	58.000/2.2835	1.982/.0780	24.89/.980	F820	1372AL UL
			54.010/2.1264	58.013/2.2840				
		2	54.007/2.1263	58.000/2.2835	1.982/.0780	28.90/1.138	F820	1373AL(F) IH
			54.020/2.1268	58.013/2.2840				
		3	54.007/2.1263	58.000/2.2835	1.982/.0780	22.47/.885	F820	1374AL UL
	54.020/2.1268	58.013/2.2840						

23	Engine	Year	Cyl	Bore x Stroke	23
	F9Q Series 1870cc Inline4 SOHC 2v Turbo Diesel	01/1999 - On	L4	80.0mm x 93.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7816A STD, .25, .50	CONROD	<i>Bearings have no notches.</i>					
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A IH
	48.020/1.8905	51.606/2.0317					
4B7816P STD, .25, .50	CONROD	<i>Bearings have no notches.</i>					
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F780	7816 U
		48.020/1.8905	51.606/2.0317				
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A L
48.020/1.8905	51.606/2.0317						
5M7808P STD, .25, .50	MAINS	<i>Bearings have no notch.</i>					
		1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780
	54.795/2.1573	58.744/2.3128					
1T7807 STD, .10	THRUST	<i>Shaped washer with cutouts.</i>					
			60.500/2.3819	79.750/3.1398	2.35/.093	F817	7807T IH
	60.750/2.3917	80.000/3.1496					



23 Continued ...								23
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
PISTON PIN BUSH								
RB4184		27.996/1.1022	30.240/1.1905		24.65/.971	F100	RB4184	
		28.000/1.1024	30.260/1.1913					

24 Engine								24
F8Q Series 1870cc Inline4 SOHC 2v Diesel				Year	Cyl	Bore x Stroke		
				03/1998 - 08/2001	L4	80.0mm x 93.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
<i>Bearings have no notches.</i>								
4B7816A STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A IH	
		48.020/1.8905	51.606/2.0317					
CONROD								
<i>Bearings have no notches.</i>								
4B7816P STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F780	7816 U	
		48.020/1.8905	51.606/2.0317					
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A L	
		48.020/1.8905	51.606/2.0317					
MAINS								
<i>Bearings have no notch.</i>								
5M7808P STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7808 UL	
		54.795/2.1573	58.744/2.3128					
THRUST								
<i>Shaped washer with cutouts.</i>								
1T7807 STD, .10		60.500/2.3819	79.750/3.1398		2.35/.093	F817	7807T IH	
		60.750/2.3917	80.000/3.1496					
PISTON PIN BUSH								
<i>Set of 4.</i>								
4RB4185 UNB		24.005/.9451	26.000/1.0236		24.75/.974	F100	4RB4185	
		24.012/.9454	26.021/1.0244					
PISTON PIN BUSH								
RB4185 UNB		24.005/.9451	26.000/1.0236		24.75/.974	F100	RB4185	
		24.012/.9454	26.021/1.0244					

25 Engine								25
F4R Series 1998cc Inline4 DOHC 4v				Year	Cyl	Bore x Stroke		
				08/2001 - On	L4	82.7mm x 93.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
<i>Bearings have no notches.</i>								
4B7816A STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A IH	
		48.020/1.8905	51.606/2.0317					
CONROD								
<i>Bearings have no notches.</i>								
4B7816P STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F780	7816 U	
		48.020/1.8905	51.606/2.0317					
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A L	
		48.020/1.8905	51.606/2.0317					
MAINS								
<i>Bearings have no notch.</i>								
5M7808P STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7808 UL	
		54.795/2.1573	58.744/2.3128					
THRUST								
<i>Shaped washer with cutouts.</i>								
1T7807 STD, .10		60.500/2.3819	79.750/3.1398		2.35/.093	F817	7807T IH	
		60.750/2.3917	80.000/3.1496					
PISTON PIN BUSH								
RB4122 UNB			23.000/.9055	1.260/.0496	24.75/.974	F100	RB4122	
			23.021/.9063					

26 Engine								26
M9R Series 1995cc Inline4 DOHC 4v Turbo Diesel				Year	Cyl	Bore x Stroke		
				01/2006 - On	L4	84.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B7886P STD, .25, .50		51.985/2.0466	55.600/2.1890	1.768/.0696	19.30/.760	F780	7886 U	
		52.000/2.0472	55.619/2.1897					

26 Continued ...							26
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7886P STD, .25, .50		51.985/2.0466	55.600/2.1890	1.768/.0696	18.30/.721	F810	7886A L
		52.000/2.0472	55.619/2.1897				
5M7888P STD, .25, .50	MAINS 1,2,3,4,5	55.985/2.2041	59.998/2.3621	1.988/.0783	17.20/.677	F780	7888 L
		56.000/2.2047	60.011/2.3626				
	1,2,3,4,5	55.985/2.2041	59.998/2.3621	1.988/.0783	19.50/.768	F810	7888A U
		56.000/2.2047	60.011/2.3626				
1T7888 STD	THRUST	65.000/2.5591	84.250/3.3169		2.65/.104	F817	7888T
		65.025/2.5600	84.500/3.3268				
1T7889 STD	THRUST	65.600/2.5827	84.000/3.3071		2.70/.106	F817	7889T
		65.850/2.5925	84.250/3.3169				
RB4183	PISTON PIN BUSH	31.994/1.2596	34.985/1.3774		23.70/.933	F100	RB4183
		32.000/1.2598	35.010/1.3783				

27	Engine	Year	Cyl	Bore x Stroke	27
	X25TD 2498cc (BMW) Inline6 SOHC 2v Turbo Diesel	04/1994 - 02/2001	L6	80.0mm x 82.8mm	
	Y25TD 2497cc (BMW) Inline6 SOHC 2v Turbo Diesel	06/2001 - 09/2003	L6	80.0mm x 82.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1579D STD, .25	CONROD	<i>Upper half only is Race plate.</i>		1.497/.0589	18.00/.709	F780	1579 L
		44.975/1.7707	48.000/1.8898				
		44.991/1.7713	48.016/1.8904	1.497/.0589	18.00/.709	F781	1579D U
		44.975/1.7707	48.000/1.8898				
44.991/1.7713	48.016/1.8904						
7M1532A STD, .25, .50, .75, 1.00	MAINS	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>		2.490/.0980	20.00/.787	F810	1538A UL
		59.971/2.3611	65.000/2.5591				
		59.990/2.3618	65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) UL
		59.971/2.3611	65.000/2.5591				
59.990/2.3618	65.019/2.5598						
RACE SERIES 7M1532H STD, .025, .25, .50	MAINS	<i>Half grooved set. Lower half has 2 notches.</i>		2.488/.0980	20.00/.787	F780	1538H UL
		59.971/2.3611	65.000/2.5591				
		59.990/2.3618	65.019/2.5598	2.488/.0980	24.94/.982	F780	1539H(F) UL
		59.971/2.3611	65.000/2.5591				
59.990/2.3618	65.019/2.5598						
RACE SERIES 7M1532HX STD	MAINS	<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>		2.475/.0974	20.00/.787	F780	1538HX UL
		59.971/2.3611	65.000/2.5591				
		59.990/2.3618	65.019/2.5598	2.475/.0974	24.94/.982	F780	1539HX(F) UL
		59.971/2.3611	65.000/2.5591				
59.990/2.3618	65.019/2.5598						
7M1532P STD, .25, .50	MAINS	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>		2.490/.0980	20.00/.787	F780	1538 UL
		59.971/2.3611	65.000/2.5591				
		59.990/2.3618	65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) UL
		59.971/2.3611	65.000/2.5591				
59.990/2.3618	65.019/2.5598						
6RB4148 UNB	PISTON PIN BUSH	<i>Set of 6.</i>			22.20/.874	F100	6RB4148
		29.995/1.1809	31.995/1.2596				
		30.000/1.1811	32.025/1.2608				
RB4148 UNB	PISTON PIN BUSH	<i>Set of 6.</i>			22.20/.874	F100	RB4148
		29.995/1.1809	31.995/1.2596				
		30.000/1.1811	32.025/1.2608				



28 Engine		Year	Cyl	Bore x Stroke	28		
X17DTL 1700cc Inline4 SOHC 2v Turbo Diesel		07/1994 - 04/2005	L4	82.5mm x 79.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Shaft to be re-hardened after grinding.</i>							
4B2410P STD, .25, .50, .75		48.971/1.9280	52.000/2.0472	1.484/.0584	19.30/.760	F780	2410
		48.987/1.9286	52.012/2.0477				L
		48.971/1.9280	52.000/2.0472	1.510/.0594	19.30/.760	F780	2410
		48.987/1.9286	52.012/2.0477				U
MAINS <i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have 2 oil holes.</i>							
5M2325A STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.974/2.2824	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2325A(F)
		57.995/2.2833	62.013/2.4415				IH
MAINS <i>5M2413 has over width flanges for undersizes: .25mm=Std+.10mm, .50/.75/1.00mm=Std+.20mm.</i>							
5M2413P STD, .25, .50, .75	1,2,4,5	57.974/2.2824	62.000/2.4409	1.995/.0785	19.50/.768	F780	2413
		57.995/2.2833	62.013/2.4415				IH
	3	57.974/2.2824	62.000/2.4409	1.995/.0785	25.90/1.020	F780	2414(F)
		57.995/2.2833	62.013/2.4415				IH

29 Engine		Year	Cyl	Bore x Stroke	29		
C20LET 1998cc Inline4 DOHC 4v Turbo		03/1992 - 07/1997	L4	86.0mm x 86.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES							
4B2322H STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				UL
RACE SERIES							
4B2322HX STD		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
MAINS <i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>							
5M2293A STD, .25, .50	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F820	2293AL
		57.995/2.2833	62.013/2.4415				UL
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F820	2294AL
		57.995/2.2833	62.013/2.4415				UL
MAINS <i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>							
5M2327A STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F)
		57.995/2.2833	62.013/2.4415				IH
MAINS <i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>							
5M2329A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2329A(F)
		57.995/2.2833	62.013/2.4415				IH

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
TU9 954cc Inline4 SOHC 2v	10/1987 - 03/2001	L4	954	58	17
TU9M (CDY,CDZ) 954cc Inline4 SOHC 2v	09/1991 - 05/2005	L4	954	58	17
XV3 (108) 954cc Inline4 SOHC 2v	10/1972 - 10/1983	L4	954	58	18
XV5 (108) 954cc Inline4 SOHC 2v	09/1973 - 10/1983	L4	954	58	18
XV8 (108C) 954cc Inline4 SOHC 2v	02/1983 - 06/1988	L4	954	58	16
E1 1118cc Inline4	10/1985 - 07/1989	L4	1118	68	49
F1 1118cc Inline4	01/1987 - 12/1990	L4	1118	68	49
TU1 (H1B) 1124cc Inline4 SOHC 2v	08/1987 - 04/1996	L4	1124	68	20
TU1JP (HFZ,HFZ) 1124cc Inline4 SOHC 2v	06/1996 - On	L4	1124	68	19
TU1K 1124cc Inline4 SOHC 2v	07/1989 - 04/1996	L4	1124	68	20
TU1M (HDY,HDZ) 1124cc Inline4 SOHC 2v	07/1989 - On	L4	1124	68	20
TU1MZ 1124cc Inline4 SOHC 2v	07/1989 - 09/1998	L4	1124	68	20
XW3 (109) 1124cc Inline4 SOHC 2v	07/1976 - 06/1983	L4	1124	68	21
XW3S (121) 1124cc Inline4 SOHC 2v	09/1973 - 06/1980	L4	1124	68	37
XW7 (109F,109N) 1124cc Inline4 SOHC 2v	08/1979 - 10/1990	L4	1124	68	21
XK5 1127cc Inline4 2v	09/1975 - 12/1988	L4	1127	68	33
XZ5 (129) 1219cc Inline4 SOHC 2v	08/1979 - 06/1983	L4	1219	74	18
XL5 (118) 1290cc Inline4 2v	09/1970 - 08/1986	L4	1290	78	34
XL5S 1290cc Inline4 2v	08/1972 - 09/1975	L4	1290	78	34
XL5TR 1290cc Inline4 2v	11/1977 - 07/1990	L4	1290	78	34
G1A 1294cc Inline4	02/1984 - 07/1992	L4	1294	78	49
TU2.4 1294cc Inline4 SOHC 2v	10/1987 - 10/1990	L4	1294	78	20
TU2J2 1294cc Inline4 SOHC 2v	10/1993 - 04/1996	L4	1294	78	20
ET3J4 (KFU) 1360cc Inline4 DOHC 4v	10/2003 - On	L4	1360	82	22
TU3 (K5A) 1360cc Inline4 SOHC 2v	01/1987 - 04/1997	L4	1360	82	20
TU3.2 1360cc Inline4 SOHC 2v	08/1990 - On	L4	1360	82	19
TU3A (K1D) 1360cc Inline4 SOHC 2v	10/1987 - 12/1994	L4	1360	82	20
TU3A (KFT,KFW) 1360cc Inline4 SOHC 2v	08/2008 - On	L4	1360	82	20
TU3A (KFV) 1360cc Inline4 DOHC 4v	07/2002 - On	L4	1360	82	22
TU3CP (KAY) 1360cc Inline4 SOHC 2v	08/1987 - 09/1993	L4	1360	82	20
TU3J2/Z (KFZ) 1360cc Inline4 SOHC 2v	09/1991 - 04/1996	L4	1360	82	20
TU3JP (KFV) 1360cc Inline4 SOHC 2v	04/2005 - On	L4	1360	82	22
TU3JP (KFW,KFX) 1360cc Inline4 SOHC 2v	07/1988 - On	L4	1360	82	19
TU3M (KDY,KDZ) 1360cc Inline4 SOHC 2v	07/1988 - 09/1998	L4	1360	82	19
TU3MC (KDX) 1360cc Inline4 SOHC 2v	10/1988 - 05/2001	L4	1360	82	19
TU3S (K2B) 1360cc Inline4 SOHC 2v	06/1987 - 06/1994	L4	1360	82	20
TUD3Y (K9Y) 1360cc Inline4 SOHC 2v Diesel	09/1992 - 04/1996	L4	1360	82	23
XY6B (150) 1360cc Inline4 SOHC 2v	08/1979 - 07/1988	L4	1360	82	21
XY7 (150D,150G) 1360cc Inline4 SOHC 2v	02/1983 - 05/1989	L4	1360	82	21
XY8 (150B,150H) 1360cc Inline4 SOHC 2v	02/1983 - 05/1989	L4	1360	82	21
DV4C (8HR) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2006 - On	L4	1398	85	39
DV4TD (8HS) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2008 - On	L4	1398	85	39
DV4TD (8HT) 1398cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	1398	85	39
DV4TD (8HX,8HZ) 1398cc Inline4 SOHC 2v Turbo Diesel	09/2001 - On	L4	1398	85	39
XB5/XB5P 1468cc Inline4 2v	05/1963 - 07/1970	L4	1468	89	3
XR5 (142) 1472cc Inline4 2v	11/1979 - 08/1986	L4	1472	89	35
XR5A (142) 1472cc Inline4 2v	09/1985 - 07/1990	L4	1472	89	35
XR5S (117) 1472cc Inline4 2v	05/1980 - 09/1982	L4	1472	89	35
TUD5 1527cc Inline4 SOHC 2v Diesel	06/1994 - On	L4	1527	93	54
XID (149) 1548cc Inline4 2v Diesel	11/1977 - 09/1982	L4	1548	94	36
DV6ATED4 (9HV,9HX) 1560cc Inline4 DOHC 4v Turbo Diesel	04/2005 - On	L4	1560	95	40
DV6BTED4 (9HT,9HW) 1560cc Inline4 DOHC 4v Turbo Diesel	02/2006 - On	L4	1560	95	40
DV6C (9HL,9HR) 1560cc Inline4 DOHC 4v Turbo Diesel	06/2009 - On	L4	1560	95	40
DV6CTED (9HD) 1560cc Inline4 DOHC 4v Turbo Diesel	02/2012 - On	L4	1560	95	40
DV6DTED (9HF,9HP) 1560cc Inline4 DOHC 4v Turbo Diesel	11/2009 - On	L4	1560	95	40
DV6TED4 (9HY,9HZ) 1560cc Inline4 DOHC 4v Turbo Diesel	02/2004 - On	L4	1560	95	40
DV6UTED4 (9HU) 1560cc Inline4 DOHC 4v Turbo Diesel	01/2007 - On	L4	1560	95	40
XU51C (B1A,B1D,B1E) 1580cc Inline4 SOHC 2v	10/1982 - 09/1998	L4	1580	96	13



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
XU52C/K (B2A) 1580cc Inline4 SOHC 2v	01/1987 - 12/1993	L4	1580	96	13
XU5CP (BAZ) 1580cc Inline4 SOHC 2v	09/1986 - 09/1998	L4	1580	96	13
XU5J (180A,180Z) 1580cc Inline4 SOHC 2v	12/1984 - 10/1990	L4	1580	96	13
XU5J (BJB) 1580cc Inline4 SOHC 2v	11/1985 - 09/1988	L4	1580	96	13
XU5JP (BFZ) 1580cc Inline4 SOHC 2v	08/1992 - 05/2004	L4	1580	96	14
XU5M (BDZ) 1580cc Inline4 SOHC 2v	07/1987 - 10/1996	L4	1580	96	14
XU5M2Z (BDY) 1580cc Inline4 SOHC 2v	07/1987 - 09/1998	L4	1580	96	14
XU5M3Z (BDY) 1580cc Inline4 SOHC 2v	10/1988 - 09/1998	L4	1580	96	14
XU5S (171) 1580cc Inline4 SOHC 2v	10/1982 - 07/1992	L4	1580	96	13
TU5J2 (NFW,NFY) 1587cc Inline4 SOHC 2v	01/1994 - 05/2005	L4	1587	96	24
TU5J4 (NFX) 1587cc Inline4 DOHC 4v	05/1996 - 05/2005	L4	1587	96	24
TU5JP (NFZ) 1587cc Inline4 SOHC 2v	05/1993 - On	L4	1587	96	24
TU5JP4 (N6A,NFU) 1587cc Inline4 DOHC 4v	08/2000 - On	L4	1587	96	24
EP6DT (5FR) 1598cc Inline4 DOHC 4v Turbo	10/2009 - On	L4	1598	97	25
EP6DT (5FT) 1598cc Inline4 DOHC 4v Turbo	09/2007 - On	L4	1598	97	25
EP6DT (5FV) 1598cc Inline4 DOHC 4v Turbo	06/2009 - On	L4	1598	97	25
EP6DT (5FX) 1598cc Inline4 DOHC 4v Turbo	02/2006 - On	L4	1598	97	25
EP6DTS (5FY) 1598cc Inline4 DOHC 4v Turbo	02/2007 - On	L4	1598	97	25
KF1 1618cc Inline4 2v	01/1962 - 12/1968	L4	1618	98	3
XC 1618cc Inline4 2v	01/1960 - 12/1963	L4	1618	98	3
XC5A 1618cc Inline4 2v	01/1962 - 09/1972	L4	1618	98	3
XC5P 1618cc Inline4 2v	08/1968 - 03/1980	L4	1618	98	30
XC6 1618cc Inline4 2v	11/1967 - 12/1971	L4	1618	98	31
XC7 1618cc Inline4 2v	01/1970 - 09/1972	L4	1618	98	31
XC7P 1618cc Inline4 2v	08/1968 - 12/1990	L4	1618	98	32
EW7A (6FY) 1749cc Inline4 DOHC 4v	09/2005 - On	L4	1749	106	26
EW7J4 (6FZ) 1749cc Inline4 DOHC 4v	10/2000 - On	L4	1749	106	26
XU7JB (LFX) 1761cc Inline4 SOHC 2v	05/1997 - 10/2004	L4	1761	107	15
XU7JP (LFW,LFZ) 1761cc Inline4 SOHC 2v	08/1992 - 08/2002	L4	1761	107	15
XU7JP4 (LFY) 1761cc Inline4 DOHC 4v	11/1995 - 04/2002	L4	1761	107	15
XUD7 (161A,A9A) 1769cc Inline4 SOHC 2v Diesel	10/1982 - 08/2002	L4	1769	107	53
XUD7T 1769cc Inline4 SOHC 2v Turbo Diesel	11/1989 - 09/1998	L4	1769	107	7
XUD7TE (A8A,A8B) 1769cc Inline4 SOHC 2v Turbo Diesel	03/1988 - 09/1998	L4	1769	107	7
XUD7TEY (AJZ) 1769cc Inline4 SOHC 2v Turbo Diesel	10/1990 - 12/1992	L4	1769	107	7
KF5 1796cc Inline4 OHV 2v	07/1968 - 02/1971	L4	1796	109	3
KF6 1796cc Inline4 OHV 2v	07/1968 - 02/1971	L4	1796	109	3
XF6 1796cc Inline4 OHV 2v	01/1968 - 12/1970	L4	1796	109	3
XM 1796cc Inline4 OHV 2v	07/1968 - 02/1971	L4	1796	109	3
XM7 1796cc Inline4 OHV 2v	01/1971 - 12/1989	L4	1796	109	5
XM7A (105C) 1796cc Inline4 OHV 2v	10/1985 - 12/1993	L4	1796	109	4
XM7P 1796cc Inline4 OHV 2v	07/1970 - 12/1981	L4	1796	109	32
XM7T (169B) 1796cc Inline4 OHV 2v	05/1979 - 12/1993	L4	1796	109	4
DW8 (WJZ) 1868cc Inline4 SOHC 2v Diesel	06/1996 - On	L4	1868	113	6
DW8B (WJY) 1868cc Inline4 SOHC 2v Diesel	06/1998 - On	L4	1868	113	6
XU92C (D2A,D2C) 1905cc Inline4 SOHC 2v	07/1987 - 12/1992	L4	1905	116	12
XU9J1 (DFZ) 1905cc Inline4 SOHC 2v	03/1986 - 05/1997	L4	1905	116	11
XU9J2 (D6A) 1905cc Inline4 SOHC 2v	01/1989 - 12/1992	L4	1905	116	52
XU9J4 (D6C) 1905cc Inline4 DOHC 4v	07/1987 - 07/1992	L4	1905	116	12
XU9J4Z (DFW) 1905cc Inline4 DOHC 4v	04/1988 - 12/1993	L4	1905	116	12
XU9JA (D6B) 1905cc Inline4 SOHC 2v	10/1986 - 09/1998	L4	1905	116	11
XU9JAZ (DKZ) 1905cc Inline4 SOHC 2v	06/1987 - 05/1997	L4	1905	116	12
XU9M (DDZ) 1905cc Inline4 SOHC 2v	07/1988 - 12/1993	L4	1905	116	12
XU9S (159) 1905cc Inline4 SOHC 2v	10/1982 - 10/1987	L4	1905	116	11
XU9S (D2B) 1905cc Inline4 SOHC 2v	10/1985 - 07/1989	L4	1905	116	11
XUD9 (162,D9A) 1905cc Inline4 SOHC 2v Diesel	10/1982 - 05/1999	L4	1905	116	53
XUD9A (D9B,DJY) 1905cc Inline4 SOHC 2v Diesel	10/1988 - 04/2002	L4	1905	116	8
XUD9AU (D8C,D9B) 1905cc Inline4 SOHC 2v Diesel	03/1994 - On	L4	1905	116	8
XUD9BSD (DHV) 1905cc Inline4 SOHC 2v Turbo Diesel	03/1998 - 10/2003	L4	1905	116	7

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
XUD9K 1905cc Inline4 SOHC 2v Diesel	06/1986 - 09/1992	L4	1905	116	8
XUD9SD (DHW) 1905cc Inline4 SOHC 2v Turbo Diesel	10/1996 - 10/2004	L4	1905	116	7
XUD9TE (D8B) 1905cc Inline4 SOHC 2v Turbo Diesel	02/1996 - On	L4	1905	116	38
XUD9TE (DHX) 1905cc Inline4 SOHC 2v Turbo Diesel	07/1995 - On	L4	1905	116	38
XUD9TE (DHY) 1905cc Inline4 SOHC 2v Turbo Diesel	08/1992 - 05/2004	L4	1905	116	38
XUD9UTF (D8C) 1905cc Inline4 SOHC 2v Turbo Diesel	03/1994 - 04/2002	L4	1905	116	38
XUD9Y (DJZ) 1905cc Inline4 SOHC 2v Diesel	10/1987 - 05/2001	L4	1905	116	8
XD 4.88 1948cc Inline4 OHV 2v Diesel	04/1971 - 06/1987	L4	1948	118	1
XD88 1948cc Inline4 OHV 2v Diesel	01/1963 - 12/1975	L4	1948	118	1
XDP 4.88 1948cc Inline4 OHV 2v Diesel	10/1967 - 12/1990	L4	1948	118	1
XN1 1971cc Inline4 OHV 2v	01/1971 - 12/1993	L4	1971	120	5
XN1A (106E) 1971cc Inline4 OHV 2v	10/1985 - 12/1996	L4	1971	120	4
XN1P 1971cc Inline4 OHV 2v	03/1980 - 06/1987	L4	1971	120	5
XN1T (170B) 1971cc Inline4 OHV 2v	09/1981 - 12/1993	L4	1971	120	5
XN1TA (170C) 1971cc Inline4 OHV 2v	07/1987 - 12/1993	L4	1971	120	5
XN2 (107) 1971cc Inline4 OHV 2v	01/1971 - 08/1984	L4	1971	120	5
XN6 1971cc Inline4 OHV 2v	01/1980 - 06/1987	L4	1971	120	5
DEW10J4 (RFR) 1997cc Inline4 DOHC 4v	01/1999 - On	L4	1997	121	26
DW10ATED (RHS,RHZ) 1997cc Inline4 SOHC 2v Turbo Diesel	08/1999 - On	L4	1997	121	28
DW10ATED4 (RHM,RHT) 1997cc Inline4 DOHC 4v Turbo Diesel	06/2002 - On	L4	1997	121	28
DW10ATED4 (RHW) 1997cc Inline4 DOHC 4v Turbo Diesel	08/1999 - On	L4	1997	121	28
DW10BTED (RHX) 1997cc Inline4 SOHC 2v Turbo Diesel	07/2000 - On	L4	1997	121	28
DW10BTED4 (RHR) 1997cc Inline4 DOHC 4v Turbo Diesel	02/2004 - On	L4	1997	121	28
DW10CTED4 (RHE,RHH) 1997cc Inline4 DOHC 4v Turbo Diesel	06/2009 - On	L4	1997	121	28
DW10TD (RHV,RHY) 1997cc Inline4 SOHC 2v Turbo Diesel	02/1999 - On	L4	1997	121	28
DW10UTD (RHV) 1997cc Inline4 SOHC 2v Turbo Diesel	08/2001 - On	L4	1997	121	28
DW10UTED4 (RHK) 1997cc Inline4 DOHC 4v Turbo Diesel	02/2006 - On	L4	1997	121	28
EW10A (RFH,RFJ) 1997cc Inline4 DOHC 4v	03/2005 - On	L4	1997	121	26
EW10D (RLZ) 1997cc Inline4 DOHC 4v	05/2001 - 10/2004	L4	1997	121	26
EW10J4 (RFN) 1997cc Inline4 DOHC 4v	02/2000 - On	L4	1997	121	26
EW10J4S (RFK) 1997cc Inline4 DOHC 4v	10/2003 - On	L4	1997	121	26
XU102C (RSA) 1998cc Inline4 SOHC 2v	06/1989 - 02/2002	L4	1998	121	10
XU10J2 (RFU) 1998cc Inline4 SOHC 2v	06/1994 - 08/2002	L4	1998	121	27
XU10J2 (RFW) 1998cc Inline4 SOHC 2v	03/1994 - 04/2002	L4	1998	121	27
XU10J2 (RFX) 1998cc Inline4 SOHC 2v	06/1992 - 08/2002	L4	1998	121	10
XU10J2TE (RGX) 1998cc Inline4 SOHC 2v Turbo	07/1991 - 10/2004	L4	1998	121	9
XU10J2TE (RGY) 1998cc Inline4 SOHC 2v Turbo	07/1992 - 03/1999	L4	1998	121	9
XU10J2U (RFL) 1998cc Inline4 SOHC 2v	12/2001 - On	L4	1998	121	27
XU10J2Z (RFZ) 1998cc Inline4 SOHC 2v	06/1989 - 09/1999	L4	1998	121	10
XU10J4 (RFT) 1998cc Inline4 DOHC 4v	06/1994 - 05/2001	L4	1998	121	27
XU10J4R (RFV) 1998cc Inline4 DOHC 4v	07/1994 - 12/2004	L4	1998	121	27
XU10J4RS (RFS) 1998cc Inline4 DOHC 4v	03/1996 - 05/2001	L4	1998	121	27
XU10J4TE/Z (RGZ) 1998cc Inline4 DOHC 4v Turbo	08/1992 - 12/1995	L4	1998	121	9
XU10J4Z (RFY) 1998cc Inline4 DOHC 4v	08/1992 - 05/2001	L4	1998	121	10
XU10MZ 1998cc Inline4 SOHC 2v	06/1989 - 06/1994	L4	1998	121	10
XUD11ATE (PHZ) 2088cc Inline4 SOHC 3v Turbo Diesel	06/1989 - 09/1999	L4	2088	127	9
XUD11BTE (P8C) 2088cc Inline4 SOHC 3v Turbo Diesel	08/1994 - 10/2004	L4	2088	127	9
XD 4.90 2112cc Inline4 OHV 2v Diesel	01/1969 - 12/1990	L4	2112	128	1
XDP 4.90 2112cc Inline4 OHV 2v Diesel	08/1968 - 07/1977	L4	2112	128	1
XDP X90 2112cc Inline4 OHV 2v Diesel	10/1980 - 06/1987	L4	2112	128	1
XUD11A (P9A) 2138cc Inline4 SOHC 3v Diesel	06/1989 - 07/1995	L4	2138	130	9
ZDJ (851) 2165cc Inline4 SOHC 2v	05/1981 - 10/1984	L4	2165	132	51
DW12BTED4 (4HP) 2179cc Inline4 DOHC 4v Turbo Diesel	06/2008 - On	L4	2179	132	29
DW12BTED4 (4HT) 2179cc Inline4 DOHC 4v Turbo Diesel	05/2006 - On	L4	2179	132	29
DW12C (4HL) 2179cc Inline4 DOHC 4v Turbo Diesel	11/2010 - On	L4	2179	132	29
DW12MTED4 (4HN) 2179cc Inline4 DOHC 4v Turbo Diesel	02/2007 - On	L4	2179	132	29
DW12TED4 (4HX) 2179cc Inline4 DOHC 4v Turbo Diesel	02/2000 - On	L4	2179	132	29
DW12UTED (4HY) 2179cc Inline4 DOHC 4v Turbo Diesel	04/2002 - On	L4	2179	132	29



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
XD2 (134) 2304cc Inline4 OHV 2v Diesel	01/1975 - 12/1989	L4	2304	140	2
XD2P94 2304cc Inline4 OHV 2v Diesel	07/1977 - 03/1980	L4	2304	140	44
XD2PX94 2304cc Inline4 OHV 2v Diesel	03/1980 - 07/1982	L4	2304	140	45
XD2S (147) 2304cc Inline4 OHV 2v Turbo Diesel	02/1979 - 12/1986	L4	2304	140	2
DJ5 (T9A) 2446cc Inline4 3v Diesel	03/1994 - 04/2002	L4	2446	149	47
DJ5T (T8A) 2446cc Inline4 3v Turbo Diesel	07/1994 - On	L4	2446	149	48
DJ5TED (THX) 2446cc Inline4 2v Turbo Diesel	10/1996 - 02/2002	L4	2446	149	48
DK5ATE (THY) 2446cc Inline4 3v Turbo Diesel	01/1993 - On	L4	2446	149	48
XD3 (155) 2498cc Inline4 OHV 2v Diesel	06/1981 - 12/1993	L4	2498	152	46
XD3P 2498cc Inline4 OHV 2v Diesel	07/1982 - 06/1987	L4	2498	152	46
XD3T (152A) 2498cc Inline4 OHV 2v Turbo Diesel	08/1983 - 12/1993	L4	2498	152	46
XD3TE (152B) 2498cc Inline4 OHV 2v Turbo Diesel	10/1986 - 12/1993	L4	2498	152	46
CRD93 (U25-661) 2499cc Inline4 2v Diesel	09/1981 - 02/1994	L4	2499	152	41
CRD93 2499cc Inline4 2v Diesel	09/1981 - 01/1994	L4	2499	152	41
CRD93L 2499cc Inline4 2v Diesel	09/1981 - 01/1994	L4	2499	152	42
CRD93LS (U25-673) 2499cc Inline4 2v Diesel	10/1990 - 02/1994	L4	2499	152	43
8140.43N 2800cc Inline4 SOHC 2v Turbo Diesel	04/2004 - On	L4	2800	170	50
8140.43S (F28DTCR) 2800cc Inline4 SOHC 2v Turbo Diesel	10/2000 - On	L4	2800	170	50
8140.63 (F28D) 2800cc Inline4 SOHC 2v Diesel	01/1999 - 02/2002	L4	2800	170	50

1	Engine	Year	Cyl	Bore x Stroke	1
	XD 4.88 1948cc Inline4 OHV 2v Diesel	04/1971 - 06/1987	L4	88.0mm x 80.0mm	
	XD 4.90 2112cc Inline4 OHV 2v Diesel	01/1969 - 12/1990	L4	90.0mm x 83.0mm	
	XD88 1948cc Inline4 OHV 2v Diesel	01/1963 - 12/1975	L4	88.0mm x 80.0mm	
	XDP 4.88 1948cc Inline4 OHV 2v Diesel	10/1967 - 12/1990	L4	88.0mm x 80.0mm	
	XDP 4.90 2112cc Inline4 OHV 2v Diesel	08/1968 - 07/1977	L4	90.0mm x 83.0mm	
	XDP X90 2112cc Inline4 OHV 2v Diesel	10/1980 - 06/1987	L4	90.0mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2731A STD, .30, .50, .80, 1.00	CONROD	49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.842/.0725	29.00/1.142	F810	2731A IH
5M2734A STD, .30, .50, .80	MAINS 1,3,5	54.994/2.1651 55.009/2.1657	58.731/2.3122 58.750/2.3130	1.842/.0725	29.97/1.180	F810	2734A UL
	2,4	54.994/2.1651 55.009/2.1657	58.731/2.3122 58.750/2.3130	1.842/.0725	21.97/.865	F810	2735A UL
2T2734 STD	THRUST	61.976/2.4400 62.204/2.4490	79.730/3.1390 79.784/3.1411		2.34/.092	F817	2734T UL
4RB4204 UNB	PISTON PIN BUSH	27.994/1.1021 28.000/1.1024	30.950/1.2185 30.975/1.2195		29.70/1.169	F100	4RB4204
RB4204 UNB	PISTON PIN BUSH	27.994/1.1021 28.000/1.1024	30.950/1.2185 30.975/1.2195		29.70/1.169	F100	RB4204

2	Engine	Year	Cyl	Bore x Stroke	2
	XD2 (134) 2304cc Inline4 OHV 2v Diesel	01/1975 - 12/1989	L4	94.0mm x 83.0mm	
	XD2S (147) 2304cc Inline4 OHV 2v Turbo Diesel	02/1979 - 12/1986	L4	94.0mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2731A STD, .30, .50, .80, 1.00	CONROD	49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.842/.0725	29.00/1.142	F810	2731A IH
4B7750A STD, .30, .50, .80, 1.00	CONROD	54.994/2.1651 55.021/2.1662	58.737/2.3125 58.750/2.3130	1.838/.0724	29.00/1.142	F810	7750A IH
5M2734A STD, .30, .50, .80	MAINS 1,3,5	54.994/2.1651 55.009/2.1657	58.731/2.3122 58.750/2.3130	1.842/.0725	29.97/1.180	F810	2734A UL
	2,4	54.994/2.1651 55.009/2.1657	58.731/2.3122 58.750/2.3130	1.842/.0725	21.97/.865	F810	2735A UL
5M7752A STD, .30, .50, .80	MAINS 1,3,5	54.994/2.1651 55.009/2.1657	58.731/2.3122 58.750/2.3130	1.835/.0722	30.00/1.181	F810	7752A UL
	2,4	63.737/2.5093 60.021/2.3630		1.837/.0723	24.00/.945	F810	7753A UL
2T2734 STD	THRUST	61.976/2.4400 62.204/2.4490	79.730/3.1390 79.784/3.1411		2.34/.092	F817	2734T UL
2T7752 STD	THRUST	67.000/2.6378 67.250/2.6476	84.750/3.3366 85.000/3.3465		2.33/.092	F250	7752T UL
4RB4204 UNB	PISTON PIN BUSH	27.994/1.1021 28.000/1.1024	30.950/1.2185 30.975/1.2195		29.70/1.169	F100	4RB4204
4RB4208 UNB	PISTON PIN BUSH	30.007/1.1814 30.020/1.1819	33.000/1.2992 33.025/1.3002		29.70/1.169	F100	4RB4208



2 Continued ...							2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

RB4204 UNB	PISTON PIN BUSH	27.994/1.1021	30.950/1.2185		29.70/1.169	F100	RB4204
		28.000/1.1024	30.975/1.2195				
RB4208 UNB	PISTON PIN BUSH	30.007/1.1814	33.000/1.2992		29.70/1.169	F100	RB4208
		30.020/1.1819	33.025/1.3002				

3 Engine	Year	Cyl	Bore x Stroke	3
KF1 1618cc Inline4 2v	01/1962 - 12/1968	L4	84.0mm x 73.0mm	
KF5 1796cc Inline4 OHV 2v	07/1968 - 02/1971	L4	84.0mm x 81.0mm	
KF6 1796cc Inline4 OHV 2v	07/1968 - 02/1971	L4	84.0mm x 81.0mm	
XB5/XB5P 1468cc Inline4 2v	05/1963 - 07/1970	L4	80.0mm x 73.0mm	
XC 1618cc Inline4 2v	01/1960 - 12/1963	L4	84.0mm x 73.0mm	
XC5A 1618cc Inline4 2v	01/1962 - 09/1972	L4	84.0mm x 73.0mm	
XF6 1796cc Inline4 OHV 2v	01/1968 - 12/1970	L4	84.0mm x 81.0mm	
XM 1796cc Inline4 OHV 2v	07/1968 - 02/1971	L4	84.0mm x 81.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7891A STD, .30, .50, .80, 1.00	CONROD	49.975/1.9675	53.654/2.1124	1.814/.0714	23.39/.921	F810	7891A IH
		49.990/1.9681	53.673/2.1131				

4 Engine	Year	Cyl	Bore x Stroke	4
XM7A (105C) 1796cc Inline4 OHV 2v	10/1985 - 12/1993	L4	84.0mm x 81.0mm	
XM7T (169B) 1796cc Inline4 OHV 2v	05/1979 - 12/1993	L4	84.0mm x 81.0mm	
XN1A (106E) 1971cc Inline4 OHV 2v	10/1985 - 12/1996	L4	88.0mm x 81.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7891A STD, .30, .50, .80, 1.00	CONROD	49.975/1.9675	53.654/2.1124	1.814/.0714	23.39/.921	F810	7891A IH
		49.990/1.9681	53.673/2.1131				

5M7894A STD, .30, .50, .80, 1.00	MAINS	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A IH
			59.416/2.3392	63.246/2.4900				
		2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A IH
			58.573/2.3060	62.403/2.4568				
		3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A IH
			57.189/2.2515	61.019/2.4023				
		4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A IH
			56.165/2.2112	59.995/2.3620				
		5	54.905/2.1616	58.731/2.3122	1.888/.0743	29.35/1.156	F810	7894A IH
			54.920/2.1622	58.750/2.3130				

5M7915A STD, .30, .50, .80, 1.00	MAINS	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A IH
			59.416/2.3392	63.246/2.4900				
		2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A IH
			58.573/2.3060	62.403/2.4568				
		3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A IH
			57.189/2.2515	61.019/2.4023				
		4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A IH
			56.165/2.2112	59.995/2.3620				
		5	51.166/2.0144	54.991/2.1650	1.888/.0743	29.35/1.156	F810	7915A IH
			51.181/2.0150	55.011/2.1658				

2T7899 STD	THRUST	61.400/2.4173	72.550/2.8563		2.33/.092	F250	7899T UL
		61.650/2.4272	72.800/2.8661				

RB4197	PISTON PIN BUSH	22.700/.8937	24.350/.9587		27.00/1.063	F100	RB4197
		22.850/.8996	24.383/.9600				

5	Engine	Year	Cyl	Bore x Stroke	5
	XM7 1796cc Inline4 OHV 2v	01/1971 - 12/1989	L4	84.0mm x 81.0mm	
	XN1 1971cc Inline4 OHV 2v	01/1971 - 12/1993	L4	88.0mm x 88.0mm	
	XN1P 1971cc Inline4 OHV 2v	03/1980 - 06/1987	L4	88.0mm x 81.0mm	
	XN1T (170B) 1971cc Inline4 OHV 2v	09/1981 - 12/1993	L4	88.0mm x 81.0mm	
	XN1TA (170C) 1971cc Inline4 OHV 2v	07/1987 - 12/1993	L4	88.0mm x 81.0mm	
	XN2 (107) 1971cc Inline4 OHV 2v	01/1971 - 08/1984	L4	88.0mm x 81.0mm	
	XN6 1971cc Inline4 OHV 2v	01/1980 - 06/1987	L4	88.0mm x 81.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B7891A STD, .30, .50, .80, 1.00	CONROD	49.975/1.9675	53.654/2.1124	1.814/.0714	23.39/.921	F810	7891A IH
		49.990/1.9681	53.673/2.1131				

5M7894A STD, .30, .50, .80, 1.00	MAINS						
	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A IH
		59.416/2.3392	63.246/2.4900				
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A IH
		58.573/2.3060	62.403/2.4568				
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A IH
		57.189/2.2515	61.019/2.4023				
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A IH
		56.165/2.2112	59.995/2.3620				
	5	54.905/2.1616	58.731/2.3122	1.888/.0743	29.35/1.156	F810	7894A IH
	54.920/2.1622	58.750/2.3130					

5M7899A STD, .30, .50, .80, 1.00	MAINS						
	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A IH
		59.416/2.3392	63.246/2.4900				
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A IH
		58.573/2.3060	62.403/2.4568				
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A IH
		57.189/2.2515	61.019/2.4023				
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A IH
		56.165/2.2112	59.995/2.3620				
	5	54.905/2.1616	58.731/2.3122	1.888/.0743	29.33/1.155	F810	7899A IH
	54.920/2.1622	58.750/2.3130					

5M7915A STD, .30, .50, .80, 1.00	MAINS						
	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A IH
		59.416/2.3392	63.246/2.4900				
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A IH
		58.573/2.3060	62.403/2.4568				
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A IH
		57.189/2.2515	61.019/2.4023				
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A IH
		56.165/2.2112	59.995/2.3620				
	5	51.166/2.0144	54.991/2.1650	1.888/.0743	29.35/1.156	F810	7915A IH
	51.181/2.0150	55.011/2.1658					

2T7899 STD	THRUST	61.400/2.4173	72.550/2.8563		2.33/.092	F250	7899T UL
		61.650/2.4272	72.800/2.8661				
		61.400/2.4173	72.550/2.8563		2.33/.092	F250	7899T UL
		61.650/2.4272	72.800/2.8661				

RB4197	PISTON PIN BUSH	22.700/.8937	24.350/.9587		27.00/1.063	F100	RB4197
		22.850/.8996	24.383/.9600				

6	Engine	Year	Cyl	Bore x Stroke	6
	DW8 (WJZ) 1868cc Inline4 SOHC 2v Diesel	06/1996 - On	L4	82.2mm x 88.0mm	
	DW8B (WJY) 1868cc Inline4 SOHC 2v Diesel	06/1998 - On	L4	82.2mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B7730A STD, .30, .50	CONROD	49.984/1.9679	53.695/2.1140	1.830/.0720	20.05/.789	F810	7730A IH
		50.000/1.9685	53.708/2.1145				



6 Continued ...							6
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1677A STD, .30, .50, .80	MAINS 1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL
	THRUST	67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		2.33/.092	F817	7718T
2T7717 STD	THRUST	67.050/2.6398	83.050/3.2697		2.33/.092	F817	7717T
		67.300/2.6496	83.300/3.2795				
RB4123	PISTON PIN BUSH	25.007/.9845	27.200/1.0709	1.480/.0583	24.05/.947	F100	RB4123
		25.020/.9850	27.221/1.0717				

7 Engine	Year	Cyl	Bore x Stroke	7
XUD7T 1769cc Inline4 SOHC 2v Turbo Diesel	11/1989 - 09/1998	L4	80.0mm x 88.0mm	
XUD7TE (A8A,A8B) 1769cc Inline4 SOHC 2v Turbo Diesel	03/1988 - 09/1998	L4	80.0mm x 88.0mm	
XUD7TEY (AJZ) 1769cc Inline4 SOHC 2v Turbo Diesel	10/1990 - 12/1992	L4	80.0mm x 88.0mm	
XUD9BSD (DHV) 1905cc Inline4 SOHC 2v Turbo Diesel	03/1998 - 10/2003	L4	83.0mm x 88.0mm	
XUD9SD (DHW) 1905cc Inline4 SOHC 2v Turbo Diesel	10/1996 - 10/2004	L4	83.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1670P STD, .30, .50, .80	CONROD	<i>Uses identical halves.</i>		1.830/.0720	20.00/.787	F780	1670 IH
		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145				
5M1677A STD, .30, .50, .80	MAINS 1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL
	THRUST	67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		1.88/.074	F817	7715T UL
RB4201 UNB	PISTON PIN BUSH	28.007/1.1026	30.200/1.1890		23.10/.909		RB4201
		28.020/1.1031	30.221/1.1898				

8 Engine	Year	Cyl	Bore x Stroke	8
XUD9A (D9B,DJY) 1905cc Inline4 SOHC 2v Diesel	10/1988 - 04/2002	L4	83.0mm x 88.0mm	
XUD9AU (D8C,D9B) 1905cc Inline4 SOHC 2v Diesel	03/1994 - On	L4	83.0mm x 88.0mm	
XUD9K 1905cc Inline4 SOHC 2v Diesel	06/1986 - 09/1992	L4	83.0mm x 88.0mm	
XUD9Y (DJZ) 1905cc Inline4 SOHC 2v Diesel	10/1987 - 05/2001	L4	83.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7730A STD, .30, .50	CONROD	49.984/1.9679	53.695/2.1140	1.830/.0720	20.05/.789	F810	7730A IH
		50.000/1.9685	53.708/2.1145				
5M1677A STD, .30, .50, .80	MAINS 1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL
	THRUST	67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		2.33/.092	F250	7703T UL
4RB4123 UNB	PISTON PIN BUSH	25.007/.9845	27.000/1.0630		24.15/.951	F100	4RB4123
		25.020/.9850	27.021/1.0638				
RB4123	PISTON PIN BUSH	25.007/.9845	27.200/1.0709	1.480/.0583	24.05/.947	F100	RB4123
		25.020/.9850	27.221/1.0717				

9	Engine	Year	Cyl	Bore x Stroke	9
	XU10J2TE (RGX) 1998cc Inline4 SOHC 2v Turbo	07/1991 - 10/2004	L4	86.0mm x 86.0mm	
	XU10J2TE (RGY) 1998cc Inline4 SOHC 2v Turbo	07/1992 - 03/1999	L4	86.0mm x 86.0mm	
	XU10J4TE/Z (RGZ) 1998cc Inline4 DOHC 4v Turbo	08/1992 - 12/1995	L4	86.0mm x 86.0mm	
	XUD11A (P9A) 2138cc Inline4 SOHC 3v Diesel	06/1989 - 07/1995	L4	86.0mm x 92.0mm	
	XUD11ATE (PHZ) 2088cc Inline4 SOHC 3v Turbo Diesel	06/1989 - 09/1999	L4	85.0mm x 92.0mm	
	XUD11BTE (P8C) 2088cc Inline4 SOHC 3v Turbo Diesel	08/1994 - 10/2004	L4	85.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7722P STD, .30, .50	CONROD	49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.843/.0726	21.95/.864	F780	7722 IH
5M1677A STD, .30, .50, .80	MAINS 1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL
2T7715 STD	THRUST	67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		1.88/.074	F817	7715T UL

10	Engine	Year	Cyl	Bore x Stroke	10
	XU102C (R5A) 1998cc Inline4 SOHC 2v	06/1989 - 02/2002	L4	86.0mm x 86.0mm	
	XU10J2 (RFX) 1998cc Inline4 SOHC 2v	06/1992 - 08/2002	L4	86.0mm x 86.0mm	
	XU10J2Z (RFZ) 1998cc Inline4 SOHC 2v	06/1989 - 09/1999	L4	86.0mm x 86.0mm	
	XU10J4Z (RFY) 1998cc Inline4 DOHC 4v	08/1992 - 05/2001	L4	86.0mm x 86.0mm	
	XU10MZ 1998cc Inline4 SOHC 2v	06/1989 - 06/1994	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B7716A STD, .30, .50	CONROD	<i>21.95mm wide bearing.</i>		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.834/.0722	21.95/.864	F810	7716A IH
4B7746A STD, .30	CONROD	49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.837/.0723	20.25/.797	F810	7746A IH		
5M1677A STD, .30, .50, .80	MAINS 1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL		
2T7715 STD	THRUST	67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		1.88/.074	F817	7715T UL		

11	Engine	Year	Cyl	Bore x Stroke	11
	XU9J1 (DFZ) 1905cc Inline4 SOHC 2v	03/1986 - 05/1997	L4	83.0mm x 88.0mm	
	XU9JA (D6B) 1905cc Inline4 SOHC 2v	10/1986 - 09/1998	L4	83.0mm x 88.0mm	
	XU9S (159) 1905cc Inline4 SOHC 2v	10/1982 - 10/1987	L4	83.0mm x 88.0mm	
	XU9S (D2B) 1905cc Inline4 SOHC 2v	10/1985 - 07/1989	L4	83.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B7700A STD, .30, .50	CONROD	<i>20.25mm wide bearing.</i>		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.836/.0723	20.25/.797	F810	7700A IH
RACE SERIES 4B7700H STD, .25	CONROD	49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.834/.0722	20.25/.797	F781	7700H IH		
4B7700P STD, .30, .50	CONROD	49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.836/.0723	20.25/.797	F780	7700 IH		
5M7703A STD, .30, .50	MAINS	<i>Set contains 6 grooved and 4 plain shells.</i>		59.990/2.3618 60.000/2.3622	63.718/2.5086 63.727/2.5089	1.845/.0726	20.29/.799	F810	7703A IH
		59.990/2.3618 60.000/2.3622	63.718/2.5086 63.727/2.5089	1.845/.0726	20.29/.799	F810	7704A L		



11 Continued ...							11
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS		<i>Set contains 5 grooved and 5 plain shells.</i>					
5M7704A STD, .30, .50		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7704A L
		60.000/2.3622	63.727/2.5089				
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7703A IH
		60.000/2.3622	63.727/2.5089				
MAINS		<i>Set contains 8 plain shells and 2 grooved shells.</i>					
5M7743A STD, .30	1,2,3,4,5	59.990/2.3618	63.718/2.5086	1.845/.0726	20.30/.799	F810	7743A UL
		60.000/2.3622	63.727/2.5089				
MAINS		<i>Set contains 6 plain shells and 4 grooved shells.</i>					
5M7744A STD, .30	1,2,3,4,5	59.990/2.3618	63.718/2.5086	1.845/.0726	20.30/.799	F810	7744A UL
		60.000/2.3622	63.727/2.5089				
THRUST							
2T7703 STD, .10, .15		67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T UL
		67.300/2.6496	83.300/3.2795				

12 Engine	Year	Cyl	Bore x Stroke	12
XU92C (D2A,D2C) 1905cc Inline4 SOHC 2v	07/1987 - 12/1992	L4	83.0mm x 88.0mm	
XU9J4 (D6C) 1905cc Inline4 DOHC 4v	07/1987 - 07/1992	L4	83.0mm x 88.0mm	
XU9J4Z (DFW) 1905cc Inline4 DOHC 4v	04/1988 - 12/1993	L4	83.0mm x 88.0mm	
XU9JAZ (DKZ) 1905cc Inline4 SOHC 2v	06/1987 - 05/1997	L4	83.0mm x 88.0mm	
XU9M (DDZ) 1905cc Inline4 SOHC 2v	07/1988 - 12/1993	L4	83.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>20.25mm wide bearing.</i>					
4B7700A STD, .30, .50		49.984/1.9679	53.695/2.1140	1.836/.0723	20.25/.797	F810	7700A IH
		50.000/1.9685	53.708/2.1145				
RACE SERIES 4B7700H STD, .25	CONROD	49.984/1.9679	53.695/2.1140	1.834/.0722	20.25/.797	F781	7700H IH
		50.000/1.9685	53.708/2.1145				
4B7700P STD, .30, .50	CONROD	49.984/1.9679	53.695/2.1140	1.836/.0723	20.25/.797	F780	7700 IH
		50.000/1.9685	53.708/2.1145				
MAINS		<i>Set contains 6 grooved and 4 plain shells.</i>					
5M7703A STD, .30, .50		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7703A IH
		60.000/2.3622	63.727/2.5089				
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7704A L
		60.000/2.3622	63.727/2.5089				
MAINS		<i>Set contains 5 grooved and 5 plain shells.</i>					
5M7704A STD, .30, .50		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7704A L
		60.000/2.3622	63.727/2.5089				
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7703A IH
		60.000/2.3622	63.727/2.5089				
THRUST							
2T7703 STD, .10, .15		67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T UL
		67.300/2.6496	83.300/3.2795				

13 Engine	Year	Cyl	Bore x Stroke	13
XU51C (B1A,B1D,B1E) 1580cc Inline4 SOHC 2v	10/1982 - 09/1998	L4	83.0mm x 73.0mm	
XU52C/K (B2A) 1580cc Inline4 SOHC 2v	01/1987 - 12/1993	L4	83.0mm x 73.0mm	
XU5CP (BAZ) 1580cc Inline4 SOHC 2v	09/1986 - 09/1998	L4	83.0mm x 73.0mm	
XU5J (180A,180Z) 1580cc Inline4 SOHC 2v	12/1984 - 10/1990	L4	83.0mm x 73.0mm	
XU5J (BJB) 1580cc Inline4 SOHC 2v	11/1985 - 09/1988	L4	83.0mm x 73.0mm	
XU5S (171) 1580cc Inline4 SOHC 2v	10/1982 - 07/1992	L4	83.0mm x 73.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7740A STD, .30		44.975/1.7707	48.655/1.9155	1.820/.0717	20.25/.797	F780	7740A IH
		44.991/1.7713	48.671/1.9162				

13 Continued ...							13
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7740P STD, .30	CONROD	44.975/1.7707	48.655/1.9155	1.820/.0717	20.25/.797	F780	7740
		44.991/1.7713	48.671/1.9162				IH
5M7704A STD, .30, .50	MAINS	<i>Set contains 5 grooved and 5 plain shells.</i>					
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7703A
		60.000/2.3622	63.727/2.5089				IH
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7704A
		60.000/2.3622	63.727/2.5089				L
5M7742A STD, .30	MAINS	<i>Set contains 3 plain shells and 7 grooved shells.</i>					
		1,2,3,4,5	59.990/2.3618	63.718/2.5086	1.845/.0726	20.30/.799	F810
		60.000/2.3622	63.727/2.5089				UL
5M7743A STD, .30	MAINS	<i>Set contains 8 plain shells and 2 grooved shells.</i>					
		1,2,3,4,5	59.990/2.3618	63.718/2.5086	1.845/.0726	20.30/.799	F810
		60.000/2.3622	63.727/2.5089				UL
2T7703 STD, .10, .15	THRUST	67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T
		67.300/2.6496	83.300/3.2795				UL

14 Engine	Year	Cyl	Bore x Stroke	14
XU5JP (BFZ) 1580cc Inline4 SOHC 2v	08/1992 - 05/2004	L4	83.0mm x 73.0mm	
XU5M (BDZ) 1580cc Inline4 SOHC 2v	07/1987 - 10/1996	L4	83.0mm x 73.0mm	
XU5M2Z (BDY) 1580cc Inline4 SOHC 2v	07/1987 - 09/1998	L4	83.0mm x 73.0mm	
XU5M3Z (BDY) 1580cc Inline4 SOHC 2v	10/1988 - 09/1998	L4	83.0mm x 73.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7740A STD, .30	CONROD	44.975/1.7707	48.655/1.9155	1.820/.0717	20.25/.797	F780	7740A
		44.991/1.7713	48.671/1.9162				IH
4B7740P STD, .30	CONROD	44.975/1.7707	48.655/1.9155	1.820/.0717	20.25/.797	F780	7740
		44.991/1.7713	48.671/1.9162				IH
5M7704A STD, .30, .50	MAINS	<i>Set contains 5 grooved and 5 plain shells.</i>					
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7703A
		60.000/2.3622	63.727/2.5089				IH
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7704A
		60.000/2.3622	63.727/2.5089				L
2T7703 STD, .10, .15	THRUST	67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T
		67.300/2.6496	83.300/3.2795				UL

15 Engine	Year	Cyl	Bore x Stroke	15
XU7JB (LFX) 1761cc Inline4 SOHC 2v	05/1997 - 10/2004	L4	83.0mm x 81.4mm	
XU7JP (LFW,LFZ) 1761cc Inline4 SOHC 2v	08/1992 - 08/2002	L4	83.0mm x 81.4mm	
XU7JP4 (LFY) 1761cc Inline4 DOHC 4v	11/1995 - 04/2002	L4	83.0mm x 81.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7736A STD, .30	CONROD	44.975/1.7707	48.655/1.9155	1.821/.0717	22.50/.886	F810	7736A
		44.991/1.7713	48.671/1.9162				IH
RACE SERIES 4B7736H STD, .30	CONROD	44.975/1.7707	48.655/1.9155	1.821/.0717	22.50/.886	F781	7736H
		44.991/1.7713	48.671/1.9162				IH
5M7704A STD, .30, .50	MAINS	<i>Set contains 5 grooved and 5 plain shells.</i>					
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7703A
		60.000/2.3622	63.727/2.5089				IH
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7704A
		60.000/2.3622	63.727/2.5089				L



15 Continued ...							15
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T7703 STD, .10, .15	THRUST	67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T
		67.300/2.6496	83.300/3.2795				UL
6C7778A STD	CAMS	27.982/1.1017	31.200/1.2283	1.594/.0628	18.15/.715	F820	7778A
		28.000/1.1024	31.218/1.2291				IH
		27.982/1.1017	31.200/1.2283	1.594/.0628	18.15/.715	F820	7779A
		28.000/1.1024	31.218/1.2291				IH

16 Engine				Year	Cyl	Bore x Stroke	16
XV8 (108C) 954cc Inline4 SOHC 2v				02/1983 - 06/1988	L4	70.0mm x 62.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7712A STD, .30, .50	CONROD	<i>Bearings are plain.</i>					
		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A
RACE SERIES 4B7712H STD, .30, .50	CONROD	44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H
		44.991/1.7713	48.671/1.9162				IH
RACE SERIES 4B7712HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX
5M7708A STD, .30, .50	MAINS	<i>Set contains 4 grooved and 6 plain shells.</i>					
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A
5M7723A STD, .30, .50	MAINS	<i>Set contains 5 grooved and 5 plain shells.</i>					
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7723A
5M7725A STD, .30, .50	MAINS	<i>Set contains 2 grooved and 8 plain shells.</i>					
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7725A
5M7728A STD, .30, .50	MAINS	<i>Set contains 7 grooved and 3 plain shells.</i>					
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7728A
1T7707 STD, .15	THRUST	55.250/2.1752	73.250/2.8839		2.35/.093	F817	7707T
		55.500/2.1850	73.450/2.8917				IH

17 Engine				Year	Cyl	Bore x Stroke	17
TU9 954cc Inline4 SOHC 2v				10/1987 - 03/2001	L4	70.0mm x 62.0mm	
TU9M (CDY,CDZ) 954cc Inline4 SOHC 2v				09/1991 - 05/2005	L4		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7706A STD, .30	CONROD	37.992/1.4957	41.128/1.6192	1.548/.0609	16.30/.642	F820	7706AL
		38.008/1.4964	41.144/1.6198				IH
5M7708A STD, .30, .50	MAINS	<i>Set contains 4 grooved and 6 plain shells.</i>					
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A
		49.981/1.9678	53.674/2.1131				IH

17 Continued ...							17
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS		<i>Set contains 5 grooved and 5 plain shells.</i>					
5M7723A STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7723A IH
		49.981/1.9678	53.674/2.1131				
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7724A IH
		49.981/1.9678	53.674/2.1131				
MAINS		<i>Set contains 2 grooved and 8 plain shells.</i>					
5M7725A STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7727A IH
		49.981/1.9678	53.674/2.1131				
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7725A IH
		49.981/1.9678	53.674/2.1131				
MAINS		<i>Set contains 7 grooved and 3 plain shells.</i>					
5M7728A STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7729A IH
		49.981/1.9678	53.674/2.1131				
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7728A IH
		49.981/1.9678	53.674/2.1131				
THRUST							
1T7709 STD, .10		55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T IH
		55.500/2.1850	73.450/2.8917				

18 Engine	Year	Cyl	Bore x Stroke	18
XV3 (108) 954cc Inline4 SOHC 2v	10/1972 - 10/1983	L4	70.0mm x 62.0mm	
XV5 (108) 954cc Inline4 SOHC 2v	09/1973 - 10/1983	L4	70.0mm x 62.0mm	
XZ5 (129) 1219cc Inline4 SOHC 2v	08/1979 - 06/1983	L4	75.0mm x 69.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Bearings are plain.</i>					
4B7712A STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A IH
		44.991/1.7713	48.671/1.9162				
RACE SERIES							
4B7712H STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H IH
		44.991/1.7713	48.671/1.9162				
RACE SERIES							
4B7712HX STD		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX IH
		44.991/1.7713	48.671/1.9162				
MAINS		<i>Set contains 7 grooved and 3 plain shells.</i>					
5M7705A STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7705A IH
		49.981/1.9678	53.674/2.1131				
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7707A L
		49.981/1.9678	53.674/2.1131				
THRUST							
1T7707 STD, .15		55.250/2.1752	73.250/2.8839		2.35/.093	F817	7707T IH
		55.500/2.1850	73.450/2.8917				
THRUST							
1T7709 STD, .10		55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T IH
		55.500/2.1850	73.450/2.8917				

19 Engine	Year	Cyl	Bore x Stroke	19
TU1JP (HFX, HFZ) 1124cc Inline4 SOHC 2v	06/1996 - On	L4	72.0mm x 69.0mm	
TU3.2 1360cc Inline4 SOHC 2v	08/1990 - On	L4	75.0mm x 77.0mm	
TU3JP (KFW, KFX) 1360cc Inline4 SOHC 2v	07/1988 - On	L4	75.0mm x 77.0mm	
TU3M (KDY, KDZ) 1360cc Inline4 SOHC 2v	07/1988 - 09/1998	L4	75.0mm x 77.0mm	
TU3MC (KDX) 1360cc Inline4 SOHC 2v	10/1988 - 05/2001	L4	75.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Bearings have 1 hole</i>					
4B7710A STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7710A IH
		44.991/1.7713	48.671/1.9162				



19 Continued ...								19
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD		<i>Bearings are plain.</i>						
4B7712A STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A	
		44.991/1.7713	48.671/1.9162				IH	
RACE SERIES								
4B7712H STD, .30, .50	CONROD	44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H	
		44.991/1.7713	48.671/1.9162				IH	
RACE SERIES								
4B7712HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>						
		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX	
		44.991/1.7713	48.671/1.9162				IH	
MAINS		<i>For aluminium blocks only. Set contains 4 grooved and 6 plain shells.</i>						
5M7708A STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A	
		49.981/1.9678	53.674/2.1131				IH	
MAINS		<i>Set contains 5 grooved and 5 plain shells.</i>						
5M7723A STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7723A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7724A	
		49.981/1.9678	53.674/2.1131				IH	
MAINS		<i>Set contains 2 grooved and 8 plain shells.</i>						
5M7725A STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7727A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7725A	
		49.981/1.9678	53.674/2.1131				IH	
MAINS		<i>Set contains 7 grooved and 3 plain shells.</i>						
5M7728A STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7729A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7728A	
		49.981/1.9678	53.674/2.1131				IH	
THRUST								
1T7709 STD, .10		55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T	
		55.500/2.1850	73.450/2.8917				IH	

20	Engine	Year	Cyl	Bore x Stroke	20
	TU1 (H1B) 1124cc Inline4 SOHC 2v	08/1987 - 04/1996	L4	72.0mm x 69.0mm	
	TU1K 1124cc Inline4 SOHC 2v	07/1989 - 04/1996	L4	72.0mm x 69.0mm	
	TU1M (HDY,HDZ) 1124cc Inline4 SOHC 2v	07/1989 - On	L4	72.0mm x 69.0mm	
	TU1MZ 1124cc Inline4 SOHC 2v	07/1989 - 09/1998	L4	72.0mm x 69.0mm	
	TU2.4 1294cc Inline4 SOHC 2v	10/1987 - 10/1990	L4	75.0mm x 73.2mm	
	TU2J2 1294cc Inline4 SOHC 2v	10/1993 - 04/1996	L4	75.0mm x 73.2mm	
	TU3 (K5A) 1360cc Inline4 SOHC 2v	01/1987 - 04/1997	L4	75.0mm x 77.0mm	
	TU3A (K1D) 1360cc Inline4 SOHC 2v	10/1987 - 12/1994	L4	75.0mm x 77.0mm	
	TU3A (KFT,KFW) 1360cc Inline4 SOHC 2v	08/2008 - On	L4	75.0mm x 77.0mm	
	TU3CP (KAY) 1360cc Inline4 SOHC 2v	08/1987 - 09/1993	L4	75.0mm x 77.0mm	
	TU3J2/Z (KFZ) 1360cc Inline4 SOHC 2v	09/1991 - 04/1996	L4	75.0mm x 77.0mm	
	TU3S (K2B) 1360cc Inline4 SOHC 2v	06/1987 - 06/1994	L4	75.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Bearings are plain.</i>					
4B7712A STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A
		44.991/1.7713	48.671/1.9162				IH



20 Continued ...							20
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 4B7712H STD, .30, .50	CONROD	44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162	1.820/.0717	19.75/.778	F781	7712H IH
RACE SERIES 4B7712HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.807/.0711	19.75/.778	F781	7712HX IH
5M7708A STD, .30, .50	MAINS	<i>Set contains 4 grooved and 6 plain shells.</i>		1.832/.0721	17.29/.681	F810	7708A IH
		49.981/1.9678	53.674/2.1131			F810	7708A IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A IH
		49.981/1.9678	53.674/2.1131			F810	7709A IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A IH
		49.981/1.9678	53.674/2.1131			F810	7709A IH
5M7723A STD, .30, .50	MAINS	<i>Set contains 5 grooved and 5 plain shells.</i>		1.832/.0721	17.29/.681	F810	7723A IH
		49.981/1.9678	53.674/2.1131			F810	7724A IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7724A IH
		49.981/1.9678	53.674/2.1131			F810	7724A IH
5M7725A STD, .30, .50	MAINS	<i>Set contains 2 grooved and 8 plain shells.</i>		1.832/.0721	17.29/.681	F810	7725A IH
		49.981/1.9678	53.674/2.1131			F810	7727A IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7727A IH
		49.981/1.9678	53.674/2.1131			F810	7727A IH
5M7728A STD, .30, .50	MAINS	<i>Set contains 7 grooved and 3 plain shells.</i>		1.832/.0721	17.29/.681	F810	7728A IH
		49.981/1.9678	53.674/2.1131			F810	7729A IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7729A IH
		49.981/1.9678	53.674/2.1131			F810	7729A IH
1T7709 STD, .10	THRUST	55.250/2.1752 55.500/2.1850	73.250/2.8839 73.450/2.8917		2.45/.097	F817	7709T IH

21 Engine	Year	Cyl	Bore x Stroke	21
XW3 (109) 1124cc Inline4 SOHC 2v	07/1976 - 06/1983	L4	72.0mm x 69.0mm	
XW7 (109F,109N) 1124cc Inline4 SOHC 2v	08/1979 - 10/1990	L4	72.0mm x 69.0mm	
XY6B (150) 1360cc Inline4 SOHC 2v	08/1979 - 07/1988	L4	75.0mm x 77.0mm	
XY7 (150D,150G) 1360cc Inline4 SOHC 2v	02/1983 - 05/1989	L4	75.0mm x 77.0mm	
XY8 (150B,150H) 1360cc Inline4 SOHC 2v	02/1983 - 05/1989	L4	75.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7712A STD, .30, .50	CONROD	<i>Bearings are plain.</i>		1.820/.0717	19.75/.778	F810	7712A IH
		44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162			F810	7712A IH
RACE SERIES 4B7712H STD, .30, .50	CONROD	44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162	1.820/.0717	19.75/.778	F781	7712H IH
RACE SERIES 4B7712HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.807/.0711	19.75/.778	F781	7712HX IH
		44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162			F781	7712HX IH
5M7705A STD, .30, .50	MAINS	<i>Set contains 7 grooved and 3 plain shells.</i>		1.832/.0721	17.29/.681	F810	7707A L
		49.981/1.9678	53.674/2.1131			F810	7705A IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7705A IH
		49.981/1.9678	53.674/2.1131			F810	7705A IH
5M7708A STD, .30, .50	MAINS	<i>Set contains 4 grooved and 6 plain shells.</i>		1.832/.0721	17.29/.681	F810	7709A IH
		49.981/1.9678	53.674/2.1131			F810	7709A IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A IH
		49.981/1.9678	53.674/2.1131			F810	7709A IH



21 Continued ...							21
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M7708A STD, .30, .50	MAINS	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A
		49.981/1.9678	53.674/2.1131				IH
<i>Set contains 5 grooved and 5 plain shells.</i>							
5M7723A STD, .30, .50	MAINS	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7723A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7724A
		49.981/1.9678	53.674/2.1131				IH
<i>Set contains 2 grooved and 8 plain shells.</i>							
5M7725A STD, .30, .50	MAINS	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7727A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7725A
		49.981/1.9678	53.674/2.1131				IH
<i>Set contains 7 grooved and 3 plain shells.</i>							
5M7728A STD, .30, .50	MAINS	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7728A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7729A
		49.981/1.9678	53.674/2.1131				IH
<i>Set contains 7 grooved and 3 plain shells.</i>							
1T7707 STD, .15	THRUST	55.250/2.1752	73.250/2.8839		2.35/.093	F817	7707T
		55.500/2.1850	73.450/2.8917				IH
<i>Set contains 7 grooved and 3 plain shells.</i>							
1T7709 STD, .10	THRUST	55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T
		55.500/2.1850	73.450/2.8917				IH

22 Engine	Year	Cyl	Bore x Stroke	22
ET3J4 (KFU) 1360cc Inline4 DOHC 4v	10/2003 - On	L4	75.0mm x 77.0mm	
TU3A (KFV) 1360cc Inline4 DOHC 4v	07/2002 - On	L4	75.0mm x 77.0mm	
TU3JP (KFV) 1360cc Inline4 SOHC 2v	04/2005 - On	L4	75.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<i>Bearings have 1 hole</i>							
4B7710A STD, .30, .50	CONROD	44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7710A
		44.991/1.7713	48.671/1.9162				IH
<i>To suit cast aluminium blocks. Set contains 4 grooved and 6 plain shells.</i>							
5M7708A STD, .30, .50	MAINS	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A
		49.981/1.9678	53.674/2.1131				IH
<i>Set contains 5 grooved and 5 plain shells.</i>							
5M7723A STD, .30, .50	MAINS	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7723A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7724A
		49.981/1.9678	53.674/2.1131				IH
<i>Set contains 2 grooved and 8 plain shells.</i>							
5M7725A STD, .30, .50	MAINS	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7725A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7727A
		49.981/1.9678	53.674/2.1131				IH
<i>Set contains 7 grooved and 3 plain shells.</i>							
5M7728A STD, .30, .50	MAINS	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7728A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7729A
		49.981/1.9678	53.674/2.1131				IH

22 Continued ...							22
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

1T7709 STD, .10	THRUST	55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T
		55.500/2.1850	73.450/2.8917				IH

23 Engine		Year	Cyl	Bore x Stroke	23
TUD3Y (K9Y) 1360cc Inline4 SOHC 2v Diesel		09/1992 - 04/1996	L4	75.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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5M7708A STD, .30, .50	MAINS	<i>Set contains 4 grooved and 6 plain shells.</i>					
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A
		49.981/1.9678	53.674/2.1131				IH

1T7709 STD, .10	THRUST	55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T
		55.500/2.1850	73.450/2.8917				IH

24 Engine		Year	Cyl	Bore x Stroke	24
TU5J2 (NFW,NFY) 1587cc Inline4 SOHC 2v		01/1994 - 05/2005	L4	78.5mm x 82.0mm	
TU5J4 (NFX) 1587cc Inline4 DOHC 4v		05/1996 - 05/2005	L4	78.5mm x 82.0mm	
TU5JP (NFZ) 1587cc Inline4 SOHC 2v		05/1993 - On	L4	78.5mm x 82.0mm	
TU5JP4 (N6A,NFU) 1587cc Inline4 DOHC 4v		08/2000 - On	L4	78.5mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B7712A STD, .30, .50	CONROD	<i>Bearings are plain.</i>					
		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A
		44.991/1.7713	48.671/1.9162				IH

RACE SERIES 4B7712H STD, .30, .50	CONROD	44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H
		44.991/1.7713	48.671/1.9162				IH

RACE SERIES 4B7712HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX
		44.991/1.7713	48.671/1.9162				IH

4B7735A STD, .30, .50	CONROD	<i>Upper half has one hole.</i>					
		44.975/1.7707	48.655/1.9155	1.822/.0717	19.75/.778	F810	7735A
		44.991/1.7713	48.671/1.9162				UL

5M2797A STD, .30, .50, .80	MAINS	1,5	49.965/1.9671	53.712/2.1146	1.854/.0730	17.29/.681	F810	2797A
			49.981/1.9678	53.731/2.1154				IH
		2,3,4	49.965/1.9671	53.712/2.1146	1.854/.0730	17.29/.681	F810	2798A
			49.981/1.9678	53.731/2.1154				IH

RACE SERIES 5M2797H Std, .30, .50	MAINS	1,5	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2797H
			49.981/1.9678	53.731/2.1154				IH
		2,3,4	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2798H
			49.981/1.9678	53.731/2.1154				IH

RACE SERIES 5M2797HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
		1,5	49.962/1.9670	53.712/2.1146	1.841/.0725	17.30/.681	F780	2797HX
		49.981/1.9678	53.731/2.1154				IH	
		2,3,4	49.962/1.9670	53.712/2.1146	1.841/.0725	17.30/.681	F780	2798HX
			49.981/1.9678	53.731/2.1154				IH

5M2797P STD, .30, .50, .80	MAINS	1,5	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2797
			49.981/1.9678	53.731/2.1154				IH
		2,3,4	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2798
			49.981/1.9678	53.731/2.1154				IH

1T7707 STD, .15	THRUST	55.250/2.1752	73.250/2.8839		2.35/.093	F817	7707T
		55.500/2.1850	73.450/2.8917				IH



24	Continued ...							24
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	

THRUST							
1T7709 STD, .10		55.250/2.1752 55.500/2.1850	73.250/2.8839 73.450/2.8917		2.45/.097	F817	7709T IH

25	Engine			Year	Cyl	Bore x Stroke	25
	EP6DT (5FR) 1598cc Inline4 DOHC 4v Turbo			10/2009 - On	L4	77.0mm x 85.8mm	
	EP6DT (5FT) 1598cc Inline4 DOHC 4v Turbo			09/2007 - On	L4	77.0mm x 85.8mm	
	EP6DT (5FV) 1598cc Inline4 DOHC 4v Turbo			06/2009 - On	L4	77.0mm x 85.8mm	
	EP6DT (5FX) 1598cc Inline4 DOHC 4v Turbo			02/2006 - On	L4	77.0mm x 85.8mm	
	EP6DTS (5FY) 1598cc Inline4 DOHC 4v Turbo			02/2007 - On	L4	77.0mm x 85.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B5538D STD, .25, .50		50.858/2.0023 50.878/2.0031 50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146 53.700/2.1142 53.712/2.1146	1.404/.0553 1.404/.0553	20.40/.803	F780 F781	5538 L 5538D U

CONROD							
4B5538P STD, .25, .50		50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146	1.404/.0553	20.40/.803	F780	5538 IH

THRUST							
1T1617 STD		56.800/2.2362 57.050/2.2461	73.300/2.8858 73.550/2.8957		2.40/.095	F817	1617T UL

THRUST							
2T1614 STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL

26	Engine			Year	Cyl	Bore x Stroke	26
	DEW10J4 (RFR) 1997cc Inline4 DOHC 4v			01/1999 - On	L4	85.0mm x 88.0mm	
	EW10A (RFH,RFJ) 1997cc Inline4 DOHC 4v			03/2005 - On	L4	85.0mm x 88.0mm	
	EW10D (RLZ) 1997cc Inline4 DOHC 4v			05/2001 - 10/2004	L4	85.0mm x 88.0mm	
	EW10J4 (RFN) 1997cc Inline4 DOHC 4v			02/2000 - On	L4	85.0mm x 82.0mm	
	EW10J4S (RFK) 1997cc Inline4 DOHC 4v			10/2003 - On	L4	85.0mm x 88.0mm	
	EW7A (6FY) 1749cc Inline4 DOHC 4v			09/2005 - On	L4	82.7mm x 81.4mm	
	EW7J4 (6FZ) 1749cc Inline4 DOHC 4v			10/2000 - On	L4	82.7mm x 81.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B7736A STD, .30		44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162	1.821/.0717	22.50/.886	F810	7736A IH

RACE SERIES CONROD							
4B7736H STD, .30		44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162	1.821/.0717	22.50/.886	F781	7736H IH

MAINS							
5M7738A STD, .30	1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.708/2.5082 63.727/2.5089	1.844/.0726	21.00/.827	F810	7738A UL

THRUST							
1T7738 STD		67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		2.33/.092	F250	7738T UL

CAMS							
6C7778A STD		27.982/1.1017 28.000/1.1024 27.982/1.1017 28.000/1.1024	31.200/1.2283 31.218/1.2291 31.200/1.2283 31.218/1.2291	1.594/.0628 1.594/.0628	18.15/.715	F820 F820	7778A IH 7779A IH

27	Engine	Year	Cyl	Bore x Stroke	27
	XU10J2 (RFU) 1998cc Inline4 SOHC 2v	06/1994 - 08/2002	L4	86.0mm x 86.0mm	
	XU10J2 (RFW) 1998cc Inline4 SOHC 2v	03/1994 - 04/2002	L4	86.0mm x 86.0mm	
	XU10J2U (RFL) 1998cc Inline4 SOHC 2v	12/2001 - On	L4	86.0mm x 86.0mm	
	XU10J4 (RFT) 1998cc Inline4 DOHC 4v	06/1994 - 05/2001	L4	86.0mm x 86.0mm	
	XU10J4R (RFV) 1998cc Inline4 DOHC 4v	07/1994 - 12/2004	L4	86.0mm x 86.0mm	
	XU10J4RS (RFS) 1998cc Inline4 DOHC 4v	03/1996 - 05/2001	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B7746A STD, .30		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.837/.0723	20.25/.797	F810	7746A IH
	MAINS						
5M1677A STD, .30, .50, .80	1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL
	THRUST						
2T7715 STD		67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		1.88/.074	F817	7715T UL

28	Engine	Year	Cyl	Bore x Stroke	28
	DW10ATED (RHS,RHZ) 1997cc Inline4 SOHC 2v Turbo Diesel	08/1999 - On	L4	85.0mm x 88.0mm	
	DW10ATED4 (RHM,RHT) 1997cc Inline4 DOHC 4v Turbo Diesel	06/2002 - On	L4	85.0mm x 88.0mm	
	DW10ATED4 (RHW) 1997cc Inline4 DOHC 4v Turbo Diesel	08/1999 - On	L4	85.0mm x 88.0mm	
	DW10BTED (RHX) 1997cc Inline4 SOHC 2v Turbo Diesel	07/2000 - On	L4	85.0mm x 88.0mm	
	DW10BTED4 (RHR) 1997cc Inline4 DOHC 4v Turbo Diesel	02/2004 - On	L4	85.0mm x 88.0mm	
	DW10CTED4 (RHE,RHH) 1997cc Inline4 DOHC 4v Turbo Diesel	06/2009 - On	L4	85.0mm x 88.0mm	
	DW10TD (RHV,RHY) 1997cc Inline4 SOHC 2v Turbo Diesel	02/1999 - On	L4	85.0mm x 88.0mm	
	DW10UTD (RHV) 1997cc Inline4 SOHC 2v Turbo Diesel	08/2001 - On	L4	85.0mm x 88.0mm	
	DW10UTED4 (RHK) 1997cc Inline4 DOHC 4v Turbo Diesel	02/2006 - On	L4	85.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B7747D STD, .30		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.838/.0724	20.00/.787	F810	7747A L
		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.838/.0724	20.00/.787	F781	7747D U
	CONROD						
4B7747P STD, .30		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.838/.0724	20.00/.787	F780	7747 U
		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.838/.0724	20.00/.787	F810	7747A L
	MAINS						
5M1677A STD, .30, .50, .80	1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL
	THRUST						
2T7703 STD, .10, .15		67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		2.33/.092	F250	7703T UL
	THRUST						
2T7748 STD		67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		1.85/.073	F250	7748T UL
	PISTON PIN BUSH						
4RB4200		27.997/1.1022 28.000/1.1024	30.200/1.1890 30.225/1.1900		24.05/.947	F100	4RB4200
	PISTON PIN BUSH						
RB4200		27.997/1.1022 28.000/1.1024	30.200/1.1890 30.225/1.1900		24.05/.947	F100	RB4200



29	Engine	Year	Cyl	Bore x Stroke	29
	DW12BTED4 (4HP) 2179cc Inline4 DOHC 4v Turbo Diesel	06/2008 - On	L4	85.0mm x 96.0mm	
	DW12BTED4 (4HT) 2179cc Inline4 DOHC 4v Turbo Diesel	05/2006 - On	L4	85.0mm x 96.0mm	
	DW12C (4HL) 2179cc Inline4 DOHC 4v Turbo Diesel	11/2010 - On	L4	85.0mm x 86.0mm	
	DW12MTED4 (4HN) 2179cc Inline4 DOHC 4v Turbo Diesel	02/2007 - On	L4	85.0mm x 96.0mm	
	DW12TED4 (4HX) 2179cc Inline4 DOHC 4v Turbo Diesel	02/2000 - On	L4	85.0mm x 96.0mm	
	DW12UTED (4HY) 2179cc Inline4 DOHC 4v Turbo Diesel	04/2002 - On	L4	85.0mm x 96.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Lower in Aluglide material.</i>							
4B7747D STD, .30		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F810	7747A
		50.000/1.9685	53.708/2.1145				L
		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F781	7747D
		50.000/1.9685	53.708/2.1145				U
CONROD <i>Lower in Aluglide material.</i>							
4B7747P STD, .30		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F810	7747A
		50.000/1.9685	53.708/2.1145				L
		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F780	7747
		50.000/1.9685	53.708/2.1145				U
MAINS							
5M1677A STD, .30, .50, .80	1,2,3,4,5	59.981/2.3615	63.731/2.5091	1.845/.0726	19.50/.768	F810	1677A
		60.000/2.3622	63.750/2.5098				UL
THRUST							
2T7703 STD, .10, .15		67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T
		67.300/2.6496	83.300/3.2795				UL
THRUST							
2T7748 STD		67.050/2.6398	83.050/3.2697		1.85/.073	F250	7748T
		67.300/2.6496	83.300/3.2795				UL
CAMS							
6C7778A STD		27.982/1.1017	31.200/1.2283	1.594/.0628	18.15/.715	F820	7779A
		28.000/1.1024	31.218/1.2291				IH
		27.982/1.1017	31.200/1.2283	1.594/.0628	18.15/.715	F820	7778A
		28.000/1.1024	31.218/1.2291				IH
PISTON PIN BUSH							
RB4207		29.995/1.1809	33.000/1.2992		24.05/.947	F100	RB4207
		30.000/1.1811	33.025/1.3002				

30	Engine	Year	Cyl	Bore x Stroke	30
	XC5P 1618cc Inline4 2v	08/1968 - 03/1980	L4	84.0mm x 73.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7891A STD, .30, .50, .80, 1.00		49.975/1.9675	53.654/2.1124	1.814/.0714	23.39/.921	F810	7891A
		49.990/1.9681	53.673/2.1131				IH
MAINS							
5M7899A STD, .30, .50, .80, 1.00	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A
		59.416/2.3392	63.246/2.4900				IH
		58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A
		58.573/2.3060	62.403/2.4568				IH
		57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A
		57.189/2.2515	61.019/2.4023				IH
		56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A
		56.165/2.2112	59.995/2.3620				IH
		54.905/2.1616	58.731/2.3122	1.888/.0743	29.33/1.155	F810	7899A
		54.920/2.1622	58.750/2.3130				IH
THRUST							
2T7899 STD		61.400/2.4173	72.550/2.8563		2.33/.092	F250	7899T
		61.650/2.4272	72.800/2.8661				UL
PISTON PIN BUSH							
RB4197		22.700/.8937	24.350/.9587		27.00/1.063	F100	RB4197
		22.850/.8996	24.383/.9600				



31 Engine		Year		Cyl	Bore x Stroke		31
XC6 1618cc Inline4 2v		11/1967 - 12/1971		L4	84.0mm x 73.0mm		
XC7 1618cc Inline4 2v		01/1970 - 09/1972		L4	84.0mm x 73.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7891A STD, .30, .50, .80, 1.00		49.975/1.9675	53.654/2.1124	1.814/.0714	23.39/.921	F810	7891A
		49.990/1.9681	53.673/2.1131				IH
MAINS							
5M7899A STD, .30, .50, .80, 1.00	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A
		59.416/2.3392	63.246/2.4900				IH
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A
		58.573/2.3060	62.403/2.4568				IH
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A
		57.189/2.2515	61.019/2.4023				IH
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A
		56.165/2.2112	59.995/2.3620				IH
	5	54.905/2.1616	58.731/2.3122	1.888/.0743	29.33/1.155	F810	7899A
		54.920/2.1622	58.750/2.3130				IH
MAINS							
5M7915A STD, .30, .50, .80, 1.00	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A
		59.416/2.3392	63.246/2.4900				IH
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A
		58.573/2.3060	62.403/2.4568				IH
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A
		57.189/2.2515	61.019/2.4023				IH
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A
		56.165/2.2112	59.995/2.3620				IH
	5	51.166/2.0144	54.991/2.1650	1.888/.0743	29.35/1.156	F810	7915A
		51.181/2.0150	55.011/2.1658				IH
THRUST							
2T7899 STD		61.400/2.4173	72.550/2.8563		2.33/.092	F250	7899T
		61.650/2.4272	72.800/2.8661				UL

32 Engine		Year		Cyl	Bore x Stroke		32
XC7P 1618cc Inline4 2v		08/1968 - 12/1990		L4	84.0mm x 73.0mm		
XM7P 1796cc Inline4 OHV 2v		07/1970 - 12/1981		L4	84.0mm x 81.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7891A STD, .30, .50, .80, 1.00		49.975/1.9675	53.654/2.1124	1.814/.0714	23.39/.921	F810	7891A
		49.990/1.9681	53.673/2.1131				IH
MAINS							
5M7899A STD, .30, .50, .80, 1.00	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A
		59.416/2.3392	63.246/2.4900				IH
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A
		58.573/2.3060	62.403/2.4568				IH
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A
		57.189/2.2515	61.019/2.4023				IH
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A
		56.165/2.2112	59.995/2.3620				IH
	5	54.905/2.1616	58.731/2.3122	1.888/.0743	29.33/1.155	F810	7899A
		54.920/2.1622	58.750/2.3130				IH
MAINS							
5M7915A STD, .30, .50, .80, 1.00	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A
		59.416/2.3392	63.246/2.4900				IH
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A
		58.573/2.3060	62.403/2.4568				IH
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A
		57.189/2.2515	61.019/2.4023				IH
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A
		56.165/2.2112	59.995/2.3620				IH
	5	51.166/2.0144	54.991/2.1650	1.888/.0743	29.35/1.156	F810	7915A
		51.181/2.0150	55.011/2.1658				IH



32 Continued ...							32
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T7899 STD	THRUST	61.400/2.4173	72.550/2.8563		2.33/.092	F250	7899T
		61.650/2.4272	72.800/2.8661				UL
RB4197	PISTON PIN BUSH	22.700/.8937	24.350/.9587		27.00/1.063	F100	RB4197
		22.850/.8996	24.383/.9600				

33 Engine				Year	Cyl	Bore x Stroke	33
XK5 1127cc Inline4 2v				09/1975 - 12/1988	L4	78.0mm x 59.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7712A STD, .30, .50	CONROD	<i>Bearings are plain.</i>					
		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A IH
RACE SERIES 4B7712H STD, .30, .50	CONROD	44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H IH
		44.991/1.7713	48.671/1.9162				
RACE SERIES 4B7712HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX IH
		44.991/1.7713	48.671/1.9162				

34 Engine				Year	Cyl	Bore x Stroke	34
XL5 (118) 1290cc Inline4 2v				09/1970 - 08/1986	L4	78.0mm x 67.5mm	
XL5S 1290cc Inline4 2v				08/1972 - 09/1975	L4	78.0mm x 67.5mm	
XL5TR 1290cc Inline4 2v				11/1977 - 07/1990	L4	78.0mm x 67.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7712A STD, .30, .50	CONROD	<i>Bearings are plain.</i>					
		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A IH
RACE SERIES 4B7712H STD, .30, .50	CONROD	44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H IH
		44.991/1.7713	48.671/1.9162				
RACE SERIES 4B7712HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX IH
		44.991/1.7713	48.671/1.9162				
1T7733 STD, .10	THRUST	61.150/2.4075	76.050/2.9941		2.33/.092	F250	7733T
		61.400/2.4173	76.300/3.0039				UL

35 Engine				Year	Cyl	Bore x Stroke	35
XR5 (142) 1472cc Inline4 2v				11/1979 - 08/1986	L4	78.0mm x 77.0mm	
XR5A (142) 1472cc Inline4 2v				09/1985 - 07/1990	L4	78.0mm x 77.0mm	
XR5S (117) 1472cc Inline4 2v				05/1980 - 09/1982	L4	78.0mm x 77.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7712A STD, .30, .50	CONROD	<i>Bearings are plain.</i>					
		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A IH
RACE SERIES 4B7712H STD, .30, .50	CONROD	44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H IH
		44.991/1.7713	48.671/1.9162				
RACE SERIES 4B7712HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX IH
		44.991/1.7713	48.671/1.9162				
5M7733A STD, .30, .50	MAINS 1,2,3,4,5	53.036/2.0880	56.822/2.2371	1.880/.0740	19.29/.759	F810	7733A
		53.046/2.0884	56.832/2.2375				UL

35 Continued ... 35

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
THRUST							
1T7733 STD, .10		61.150/2.4075 61.400/2.4173	76.050/2.9941 76.300/3.0039		2.33/.092	F250	7733T UL

36 Engine 36

Engine	Year	Cyl	Bore x Stroke
XID (149) 1548cc Inline4 2v Diesel	11/1977 - 09/1982	L4	80.0mm x 77.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7732A STD, .30		44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162	1.820/.0717	19.75/.778	F810	7732A IH
MAINS							
5M7733A STD, .30, .50	1,2,3,4,5	53.036/2.0880 53.046/2.0884	56.822/2.2371 56.832/2.2375	1.880/.0740	19.29/.759	F810	7733A UL
THRUST							
1T7733 STD, .10		61.150/2.4075 61.400/2.4173	76.050/2.9941 76.300/3.0039		2.33/.092	F250	7733T UL
PISTON PIN BUSH							
RB4198		23.007/.9058 23.020/.9063	25.000/.9843 25.021/.9851		23.85/.939	F100	RB4198

37 Engine 37

Engine	Year	Cyl	Bore x Stroke
XW3S (121) 1124cc Inline4 SOHC 2v	09/1973 - 06/1980	L4	72.0mm x 69.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Bearings are plain.</i>							
4B7712A STD, .30, .50		44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162	1.820/.0717	19.75/.778	F810	7712A IH
CONROD							
RACE SERIES 4B7712H STD, .30, .50		44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162	1.820/.0717	19.75/.778	F781	7712H IH
CONROD							
<i>0.001" extra oil clearance on STD journal.</i>							
RACE SERIES 4B7712HX STD		44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162	1.807/.0711	19.75/.778	F781	7712HX IH
MAINS							
<i>Set contains 7 grooved and 3 plain shells.</i>							
5M7705A STD, .30, .50		49.965/1.9671 49.981/1.9678 49.965/1.9671 49.981/1.9678	53.655/2.1124 53.674/2.1131 53.655/2.1124 53.674/2.1131	1.832/.0721 1.832/.0721	17.29/.681 17.29/.681	F810 F810	7707A L 7705A IH
THRUST							
1T7707 STD, .15		55.250/2.1752 55.500/2.1850	73.250/2.8839 73.450/2.8917		2.35/.093	F817	7707T IH

38 Engine 38

Engine	Year	Cyl	Bore x Stroke
XUD9TE (D8B) 1905cc Inline4 SOHC 2v Turbo Diesel	02/1996 - On	L4	83.0mm x 88.0mm
XUD9TE (DHX) 1905cc Inline4 SOHC 2v Turbo Diesel	07/1995 - On	L4	83.0mm x 88.0mm
XUD9TE (DHY) 1905cc Inline4 SOHC 2v Turbo Diesel	08/1992 - 05/2004	L4	83.0mm x 88.0mm
XUD9UTF (D8C) 1905cc Inline4 SOHC 2v Turbo Diesel	03/1994 - 04/2002	L4	83.0mm x 88.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Uses identical halves.</i>							
4B1670P STD, .30, .50, .80		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.830/.0720	20.00/.787	F780	1670 IH
CONROD							
<i>Uses an upper and lower, with the notches on opposing sides.</i>							
4B1685P STD, .30, .50, .80		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.838/.0724	20.00/.787	F780	1685 UL
MAINS							
5M1677A STD, .30, .50, .80	1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL



38 Continued ... 38

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
THRUST							
2T7715 STD		67.050/2.6398	83.050/3.2697		1.88/.074	F817	7715T UL
		67.300/2.6496	83.300/3.2795				
PISTON PIN BUSH							
RB4201 UNB		28.007/1.1026	30.200/1.1890		23.10/.909		RB4201
		28.020/1.1031	30.221/1.1898				

39 Engine Year Cyl Bore x Stroke 39

DV4C (8HR) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2006 - On	L4	73.7mm x 82.0mm
DV4TD (8HS) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2008 - On	L4	73.7mm x 82.0mm
DV4TD (8HT) 1398cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	73.7mm x 82.0mm
DV4TD (8HX,8HZ) 1398cc Inline4 SOHC 2v Turbo Diesel	09/2001 - On	L4	73.7mm x 82.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B7770D STD, .30		44.975/1.7707	48.665/1.9159	1.820/.0717	17.05/.671	F781	7770D U
		44.991/1.7713	48.671/1.9162	1.820/.0717	17.05/.671	F810	7770A L
		44.975/1.7707	48.665/1.9159				
		44.991/1.7713	48.671/1.9162				
CONROD							
4B7770P STD, .30		44.975/1.7707	48.665/1.9159	1.820/.0717	17.05/.671	F780	7770 U
		44.991/1.7713	48.671/1.9162	1.820/.0717	17.05/.671	F810	7770A L
		44.975/1.7707	48.665/1.9159				
		44.991/1.7713	48.671/1.9162				
MAINS							
5M7772A STD, .30, .50	1,2,3,4,5	49.962/1.9670	53.655/2.1124	1.833/.0722	20.40/.803	F780	7772 U
		49.981/1.9678	53.674/2.1131	1.833/.0722	19.90/.784	F780	7773 L
	1,2,3,4,5	49.962/1.9670	53.655/2.1124				
	49.981/1.9678	53.674/2.1131					
THRUST							
1T7772 STD		55.200/2.1732	71.350/2.8090		2.46/.097	F817	7772T IH
		55.480/2.1842	71.700/2.8228				
PISTON PIN BUSH							
4RB4166		24.995/.9841	28.000/1.1024		19.98/.787	F100	4RB4166
		25.000/.9843	28.021/1.1032				
PISTON PIN BUSH							
RB4166 UNB		24.995/.9841	28.000/1.1024		19.98/.787	F100	RB4166
		25.000/.9843	28.021/1.1032				

40 Engine Year Cyl Bore x Stroke 40

DV6ATED4 (9HV,9HX) 1560cc Inline4 DOHC 4v Turbo Diesel	04/2005 - On	L4	75.0mm x 88.3mm
DV6BTED4 (9HT,9HW) 1560cc Inline4 DOHC 4v Turbo Diesel	02/2006 - On	L4	75.0mm x 88.3mm
DV6C (9HL,9HR) 1560cc Inline4 DOHC 4v Turbo Diesel	06/2009 - On	L4	75.0mm x 88.3mm
DV6CTED (9HD) 1560cc Inline4 DOHC 4v Turbo Diesel	02/2012 - On	L4	75.0mm x 88.3mm
DV6DTE4 (9HF,9HP) 1560cc Inline4 DOHC 4v Turbo Diesel	11/2009 - On	L4	75.0mm x 88.3mm
DV6TED4 (9HY,9HZ) 1560cc Inline4 DOHC 4v Turbo Diesel	02/2004 - On	L4	75.0mm x 88.3mm
DV6UTED4 (9HU) 1560cc Inline4 DOHC 4v Turbo Diesel	01/2007 - On	L4	75.0mm x 88.3mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B7775A STD, .30		46.975/1.8494	50.655/1.9943	1.818/.0716	17.00/.669	F810	7775A IH
		46.991/1.8500	50.674/1.9950				
CONROD							
4B7775P STD, .30		46.975/1.8494	50.655/1.9943	1.818/.0716	17.00/.669	F780	7775 IH
		46.991/1.8500	50.674/1.9950				
MAINS							
5M7772A STD, .30, .50	1,2,3,4,5	49.962/1.9670	53.655/2.1124	1.833/.0722	19.90/.784	F780	7773 L
		49.981/1.9678	53.674/2.1131	1.833/.0722	20.40/.803	F780	7772 U
	1,2,3,4,5	49.962/1.9670	53.655/2.1124				
	49.981/1.9678	53.674/2.1131					

40 Continued ... 40

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1T7772 STD	THRUST	55.200/2.1732	71.350/2.8090		2.46/.097	F817	7772T IH
		55.480/2.1842	71.700/2.8228				
RB4202	PISTON PIN BUSH		29.000/1.1417		19.98/.787	F100	RB4202
			29.021/1.1426				

41 Engine Year Cyl Bore x Stroke 41

CRD93 (U25-661) 2499cc Inline4 2v Diesel 09/1981 - 02/1994 L4 93.0mm x 92.0mm

CRD93 2499cc Inline4 2v Diesel 09/1981 - 01/1994 L4 93.0mm x 92.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B3062A STD, .25, .50	CONROD	53.990/2.1256	57.675/2.2707	1.826/.0719	24.50/.965	F810	3062A UL
		54.005/2.1262	57.685/2.2711				
5M3064A STD, .25, .50	MAINS 1,2,3,4,5	67.035/2.6392	71.695/2.8226	2.317/.0912	28.70/1.130	F810	3064A IH
		67.050/2.6398	71.705/2.8230				
5M3065A STD, .25, .50	MAINS 1,2,3,4,5	67.035/2.6392	71.695/2.8226	2.300/.0906	28.70/1.130	F810	3065A UL
		67.050/2.6398	71.705/2.8230				
2T3064A STD	THRUST	75.500/2.9724	89.000/3.5039		3.14/.124	F817	3064T UL
		75.750/2.9823	89.100/3.5079				
2T3065A STD	THRUST				3.14/.124	F817	3065T UL
RB4165	PISTON PIN BUSH	30.008/1.1814	33.000/1.2992		31.90/1.256	F100	RB4165
		30.014/1.1817	33.033/1.3005				

42 Engine Year Cyl Bore x Stroke 42

CRD93L 2499cc Inline4 2v Diesel 09/1981 - 01/1994 L4 93.0mm x 92.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B3062A STD, .25, .50	CONROD	53.990/2.1256	57.675/2.2707	1.826/.0719	24.50/.965	F810	3062A UL
		54.005/2.1262	57.685/2.2711				
5M3064A STD, .25, .50	MAINS 1,2,3,4,5	67.035/2.6392	71.695/2.8226	2.317/.0912	28.70/1.130	F810	3064A IH
		67.050/2.6398	71.705/2.8230				
5M3065A STD, .25, .50	MAINS 1,2,3,4,5	67.035/2.6392	71.695/2.8226	2.300/.0906	28.70/1.130	F810	3065A UL
		67.050/2.6398	71.705/2.8230				
2T3064A STD	THRUST	75.500/2.9724	89.000/3.5039		3.14/.124	F817	3064T UL
		75.750/2.9823	89.100/3.5079				
2T3065A STD	THRUST				3.14/.124	F817	3065T UL

43 Engine Year Cyl Bore x Stroke 43

CRD93LS (U25-673) 2499cc Inline4 2v Diesel 10/1990 - 02/1994 L4 93.0mm x 92.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B3063A STD, .25	CONROD	53.975/2.1250	57.685/2.2711	1.826/.0719	22.50/.886	F810	3063A IH
		53.990/2.1256	57.695/2.2715				



43 Continued ...							43
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B3063P STD, .25	CONROD	53.975/2.1250	57.685/2.2711	1.826/.0719	22.50/.886	F780	3063 IH
		53.990/2.1256	57.695/2.2715				
5M3064A STD, .25, .50	MAINS 1,2,3,4,5	67.035/2.6392	71.695/2.8226	2.317/.0912	28.70/1.130	F810	3064A IH
		67.050/2.6398	71.705/2.8230				
2T3064A STD	THRUST	75.500/2.9724	89.000/3.5039	3.14/.124	F817	3064T UL	
		75.750/2.9823	89.100/3.5079				

44 Engine				Year	Cyl	Bore x Stroke	44
XD2P94 2304cc Inline4 OHV 2v Diesel				07/1977 - 03/1980	L4	94.0mm x 83.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2731A STD, .30, .50, .80, 1.00	CONROD	49.984/1.9679	53.695/2.1140	1.842/.0725	29.00/1.142	F810	2731A IH
		50.000/1.9685	53.708/2.1145				
4B7750A STD, .30, .50, .80, 1.00	CONROD	54.994/2.1651	58.737/2.3125	1.838/.0724	29.00/1.142	F810	7750A IH
		55.021/2.1662	58.750/2.3130				
5M2734A STD, .30, .50, .80	MAINS 1,3,5	54.994/2.1651	58.731/2.3122	1.842/.0725	29.97/1.180	F810	2734A UL
		55.009/2.1657	58.750/2.3130				
	2,4	54.994/2.1651	58.731/2.3122	1.842/.0725	21.97/.865	F810	2735A UL
		55.009/2.1657	58.750/2.3130				
2T2734 STD	THRUST	61.976/2.4400	79.730/3.1390	2.34/.092	F817	2734T UL	
		62.204/2.4490	79.784/3.1411				
4RB4204 UNB	PISTON PIN BUSH	27.994/1.1021	30.950/1.2185	29.70/1.169	F100	4RB4204	
		28.000/1.1024	30.975/1.2195				
4RB4208 UNB	PISTON PIN BUSH	30.007/1.1814	33.000/1.2992	29.70/1.169	F100	4RB4208	
		30.020/1.1819	33.025/1.3002				
RB4204 UNB	PISTON PIN BUSH	27.994/1.1021	30.950/1.2185	29.70/1.169	F100	RB4204	
		28.000/1.1024	30.975/1.2195				
RB4208 UNB	PISTON PIN BUSH	30.007/1.1814	33.000/1.2992	29.70/1.169	F100	RB4208	
		30.020/1.1819	33.025/1.3002				

45 Engine				Year	Cyl	Bore x Stroke	45
XD2PX94 2304cc Inline4 OHV 2v Diesel				03/1980 - 07/1982	L4	94.0mm x 83.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7750A STD, .30, .50, .80, 1.00	CONROD	54.994/2.1651	58.737/2.3125	1.838/.0724	29.00/1.142	F810	7750A IH
		55.021/2.1662	58.750/2.3130				
5M2734A STD, .30, .50, .80	MAINS 1,3,5	54.994/2.1651	58.731/2.3122	1.842/.0725	29.97/1.180	F810	2734A UL
		55.009/2.1657	58.750/2.3130				
	2,4	54.994/2.1651	58.731/2.3122	1.842/.0725	21.97/.865	F810	2735A UL
		55.009/2.1657	58.750/2.3130				
5M7752A STD, .30, .50, .80	MAINS 1,3,5	54.994/2.1651	58.731/2.3122	1.835/.0722	30.00/1.181	F810	7752A UL
		55.009/2.1657	58.750/2.3130				
	2,4	63.737/2.5093	60.021/2.3630	1.837/.0723	24.00/.945	F810	7753A UL

45 Continued ... 45

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T2734 STD	THRUST	61.976/2.4400	79.730/3.1390		2.34/.092	F817	2734T UL
		62.204/2.4490	79.784/3.1411				
2T7752 STD	THRUST	67.000/2.6378	84.750/3.3366		2.33/.092	F250	7752T UL
		67.250/2.6476	85.000/3.3465				
4RB4208 UNB	PISTON PIN BUSH	30.007/1.1814	33.000/1.2992		29.70/1.169	F100	4RB4208
		30.020/1.1819	33.025/1.3002				
RB4208 UNB	PISTON PIN BUSH	30.007/1.1814	33.000/1.2992		29.70/1.169	F100	RB4208
		30.020/1.1819	33.025/1.3002				

46 Engine Year Cyl Bore x Stroke 46

XD3 (155) 2498cc Inline4 OHV 2v Diesel	06/1981 - 12/1993	L4	94.0mm x 90.0mm
XD3P 2498cc Inline4 OHV 2v Diesel	07/1982 - 06/1987	L4	94.0mm x 90.0mm
XD3T (152A) 2498cc Inline4 OHV 2v Turbo Diesel	08/1983 - 12/1993	L4	94.0mm x 90.0mm
XD3TE (152B) 2498cc Inline4 OHV 2v Turbo Diesel	10/1986 - 12/1993	L4	94.0mm x 90.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B7750A STD, .30, .50, .80, 1.00	CONROD	54.994/2.1651	58.737/2.3125	1.838/.0724	29.00/1.142	F810	7750A IH
		55.021/2.1662	58.750/2.3130				
5M7752A STD, .30, .50, .80	MAINS	54.994/2.1651	58.731/2.3122	1.835/.0722	30.00/1.181	F810	7752A UL
		55.009/2.1657	58.750/2.3130				
		2,4	63.737/2.5093	60.021/2.3630	1.837/.0723	24.00/.945	F810
2T7752 STD	THRUST	67.000/2.6378	84.750/3.3366		2.33/.092	F250	7752T UL
		67.250/2.6476	85.000/3.3465				
4RB4203	PISTON PIN BUSH	32.009/1.2602	35.000/1.3780		29.70/1.169	F100	4RB4203
		32.025/1.2608	35.025/1.3789				
RB4203	PISTON PIN BUSH	32.009/1.2602	35.000/1.3780		29.70/1.169	F100	RB4203
		32.025/1.2608	35.025/1.3789				

47 Engine Year Cyl Bore x Stroke 47

DJ5 (T9A) 2446cc Inline4 3v Diesel	03/1994 - 04/2002	L4	92.0mm x 92.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B7755A STD, .30	CONROD	53.981/2.1252	57.675/2.2707	1.823/.0718	22.65/.892	F810	7755A IH	
		54.000/2.1260	57.695/2.2715					
4B7755P STD, .30	CONROD	53.981/2.1252	57.675/2.2707	1.823/.0718	22.65/.892	F780	7755 IH	
		54.000/2.1260	57.695/2.2715					
5M7756A STD, .30, .50	MAINS	1,2,4,5	63.980/2.5189	68.689/2.7043	2.327/.0916	21.50/.847	F810	7756A UL
			63.998/2.5196	68.707/2.7050				
	3		63.980/2.5189	68.689/2.7043	2.327/.0916	27.50/1.083	F810	7757A(F) UL
			63.998/2.5196	68.707/2.7050				
RB4205 UNB	PISTON PIN BUSH				27.45/1.081	F100	RB4205	



48	Engine	Year	Cyl	Bore x Stroke	48
	DJ5T (T8A) 2446cc Inline4 3v Turbo Diesel	07/1994 - On	L4	92.0mm x 92.0mm	
	DJ5TED (THX) 2446cc Inline4 2v Turbo Diesel	10/1996 - 02/2002	L4	92.0mm x 92.0mm	
	DK5ATE (THY) 2446cc Inline4 3v Turbo Diesel	01/1993 - On	L4	92.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7760D STD, .30		53.981/2.1252	57.675/2.2707	1.823/.0718	22.70/.894	F780	7760
		54.000/2.1260	57.695/2.2715				L
		53.981/2.1252	57.675/2.2707	1.823/.0718	22.70/.894	F781	7760D
		54.000/2.1260	57.695/2.2715				U
CONROD							
4B7760P STD, .30		53.981/2.1252	57.675/2.2707	1.823/.0718	22.70/.894	F780	7760
		54.000/2.1260	57.695/2.2715				IH
MAINS							
5M7765A STD, .30	1,2,4,5	63.980/2.5189	68.689/2.7043	2.327/.0916	21.50/.847	F810	7765A
		63.998/2.5196	68.707/2.7050				UL
	3	63.980/2.5189	68.689/2.7043	2.327/.0916	27.50/1.083	F810	7766A(F)
		63.998/2.5196	68.707/2.7050				UL
PISTON PIN BUSH							
RB4205 UNB					27.45/1.081	F100	RB4205

49	Engine	Year	Cyl	Bore x Stroke	49
	E1 1118cc Inline4	10/1985 - 07/1989	L4	74.0mm x 65.0mm	
	F1 1118cc Inline4	01/1987 - 12/1990	L4	74.0mm x 65.0mm	
	G1A 1294cc Inline4	02/1984 - 07/1992	L4	76.7mm x 70.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7767A STD, .20, .50		40.959/1.6126	44.005/1.7325	1.509/.0594	19.24/.758	F810	7767A
		40.967/1.6129	44.013/1.7328				IH
MAINS							
5M7768A STD	1,5	51.966/2.0459	55.882/2.2001	1.924/.0757	18.68/.735	F810	7768A
		51.976/2.0463	55.892/2.2005				UL
	2,4	51.966/2.0459	55.882/2.2001	1.924/.0757	18.68/.735	F810	7769A
		51.976/2.0463	55.892/2.2005				IH
	3	51.966/2.0459	55.882/2.2001	1.924/.0757	24.68/.972	F810	7774A
		51.976/2.0463	55.892/2.2005				UL
THRUST							
1T7768 STD		56.900/2.2402	74.000/2.9134		2.36/.093	F817	7768T
		57.150/2.2500	74.250/2.9232				UL

50	Engine	Year	Cyl	Bore x Stroke	50
	8140.43N 2800cc Inline4 SOHC 2v Turbo Diesel	04/2004 - On	L4	94.4mm x 100.0mm	
	8140.43S (F28DTCR) 2800cc Inline4 SOHC 2v Turbo Diesel	10/2000 - On	L4	94.4mm x 100.0mm	
	8140.63 (F28D) 2800cc Inline4 SOHC 2v Diesel	01/1999 - 02/2002	L4	94.4mm x 100.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7941P STD, .25, .50, .75		<i>Bearings have no hole.</i>					
		56.520/2.2252	60.333/2.3753	1.870/.0736	24.70/.972	F780	7941
		56.535/2.2258	60.345/2.3758				IH
MAINS							
5M7956P STD, .25, .50	1,2,3,4	<i>Has hole in upper half.</i>					
		80.182/3.1568	84.588/3.3302	2.164/.0852	23.80/.937	F780	7956
		80.208/3.1578	84.614/3.3313				UL
	5	86.182/3.3930	90.588/3.5664	2.164/.0852	30.95/1.219	F780	7957(F)
		86.208/3.3940	90.614/3.5675				UL
	PISTON PIN BUSH						
4RB4188		<i>Set of 4.</i>					
		31.990/1.2594	34.895/1.3738		30.70/1.209	F100	4RB4188
		31.996/1.2597	34.920/1.3748				

50 Continued ...							50
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

PISTON PIN BUSH

RB4188		31.990/1.2594 31.996/1.2597	34.895/1.3738 34.920/1.3748		30.70/1.209	F100	RB4188
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51 Engine		Year	Cyl	Bore x Stroke	51		
ZDJ (851) 2165cc Inline4 SOHC 2v		05/1981 - 10/1984	L4	88.0mm x 89.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

CONROD

32 degree slot in upper half.

4B7802A STD, .25		56.267/2.2152 56.286/2.2160	60.005/2.3624 60.019/2.3629	1.842/.0725	20.75/.817	F810	7802A UL
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MAINS

Contains 5 pieces with groove and 3 holes & 5 plain shells with 2 holes.

5M7804A STD, .25	1,2,3,4,5	62.861/2.4748 62.880/2.4756	66.668/2.6247 66.687/2.6255	1.879/.0740	23.50/.925	F810	7804A UL
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THRUST

Use with 5M7803.

1T7803 STD		71.190/2.8028 71.450/2.8130	87.830/3.4579 88.090/3.4681		2.85/.112	F817	7803T IH
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52 Engine		Year	Cyl	Bore x Stroke	52		
XU9J2 (D6A) 1905cc Inline4 SOHC 2v		01/1989 - 12/1992	L4	83.0mm x 88.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

CONROD

20.25mm wide bearing.

4B7700A STD, .30, .50		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.836/.0723	20.25/.797	F810	7700A IH
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RACE SERIES

4B7700H STD, .25		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.834/.0722	20.25/.797	F781	7700H IH
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CONROD

4B7700P STD, .30, .50		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.836/.0723	20.25/.797	F780	7700 IH
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CONROD

4B7702A STD, .30, .50		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.842/.0725	20.25/.797	F810	7702A IH
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MAINS

Set contains 6 grooved and 4 plain shells.

5M7703A STD, .30, .50		59.990/2.3618 60.000/2.3622	63.718/2.5086 63.727/2.5089	1.845/.0726	20.29/.799	F810	7703A IH
		59.990/2.3618 60.000/2.3622	63.718/2.5086 63.727/2.5089	1.845/.0726	20.29/.799	F810	7704A L

MAINS

Set contains 5 grooved and 5 plain shells.

5M7704A STD, .30, .50		59.990/2.3618 60.000/2.3622	63.718/2.5086 63.727/2.5089	1.845/.0726	20.29/.799	F810	7703A IH
		59.990/2.3618 60.000/2.3622	63.718/2.5086 63.727/2.5089	1.845/.0726	20.29/.799	F810	7704A L

THRUST

2T7703 STD, .10, .15		67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		2.33/.092	F250	7703T UL
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53 Engine		Year	Cyl	Bore x Stroke	53		
XUD7 (161A,A9A) 1769cc Inline4 SOHC 2v Diesel		10/1982 - 08/2002	L4	80.0mm x 88.0mm			
XUD9 (162,D9A) 1905cc Inline4 SOHC 2v Diesel		10/1982 - 05/1999	L4	83.0mm x 88.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

CONROD

4B7730A STD, .30, .50		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.830/.0720	20.05/.789	F810	7730A IH
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MAINS

5M1677A STD, .30, .50, .80	1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL
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53 Continued ... 53

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T7703 STD, .10, .15	THRUST	67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T
		67.300/2.6496	83.300/3.2795				UL
4RB4123 UNB	PISTON PIN BUSH	25.007/.9845	27.000/1.0630		24.15/.951	F100	4RB4123
		25.020/.9850	27.021/1.0638				
RB4123	PISTON PIN BUSH	25.007/.9845	27.200/1.0709	1.480/.0583	24.05/.947	F100	RB4123
		25.020/.9850	27.221/1.0717				
RB4206	PISTON PIN BUSH	25.007/.9845	27.000/1.0630		24.15/.951	F100	RB4206
		25.020/.9850	27.021/1.0638				

54 Engine Year Cyl Bore x Stroke 54
TUD5 1527cc Inline4 SOHC 2v Diesel 06/1994 - On L4 77.0mm x 82.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2796A STD, .30, .50, .80	CONROD	44.975/1.7707	48.655/1.9155	1.820/.0717	17.65/.695	F810	2796A
		44.991/1.7713	48.671/1.9162				IH
5M2797A STD, .30, .50, .80	MAINS 1,5	49.965/1.9671	53.712/2.1146	1.854/.0730	17.29/.681	F810	2797A
		49.981/1.9678	53.731/2.1154				IH
	2,3,4	49.965/1.9671	53.712/2.1146	1.854/.0730	17.29/.681	F810	2798A
		49.981/1.9678	53.731/2.1154				IH
RACE SERIES 5M2797H Std, .30, .50	MAINS 1,5	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2797H
		49.981/1.9678	53.731/2.1154				IH
	2,3,4	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2798H
		49.981/1.9678	53.731/2.1154				IH
RACE SERIES 5M2797HX STD	MAINS 1,5	<i>0.001" extra oil clearance on STD journal.</i>		1.841/.0725	17.30/.681	F780	2797HX
		49.962/1.9670	53.712/2.1146				IH
	2,3,4	49.962/1.9670	53.712/2.1146	1.841/.0725	17.30/.681	F780	2798HX
		49.981/1.9678	53.731/2.1154				IH
5M2797P STD, .30, .50, .80	MAINS 1,5	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2797
		49.981/1.9678	53.731/2.1154				IH
	2,3,4	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2798
		49.981/1.9678	53.731/2.1154				IH
1T7707 STD, .15	THRUST	55.250/2.1752	73.250/2.8839		2.35/.093	F817	7707T
		55.500/2.1850	73.450/2.8917				IH
1T7709 STD, .10	THRUST	55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T
		55.500/2.1850	73.450/2.8917				IH
RB4199 UNB	PISTON PIN BUSH	23.000/.9055	25.200/.9921		19.90/.784	F100	RB4199
		23.012/.9060	25.221/.9930				

Porsche



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
901 1991cc Flat6 SOHC 2v	01/1963 - 12/1973	H6	1991	121	1
911 2195cc Flat6 SOHC 2v	09/1969 - 12/1972	H6	2195	133	1



1	Engine	Year	Cyl	Bore x Stroke	1		
	901 1991cc Flat6 SOHC 2v	01/1963 - 12/1973	H6	80.0mm x 66.0mm			
	911 2195cc Flat6 SOHC 2v	09/1969 - 12/1972	H6	84.0mm x 66.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD						
6B2452H		56.971/2.2429	61.000/2.4016	1.990/.0783	17.80/.701	F781	2452H
STD, .025, .25		56.990/2.2437	61.019/2.4023				IH
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
6B2452HX		56.971/2.2429	61.000/2.4016	1.978/.0779	17.80/.701	F781	2452HX
STD		56.990/2.2437	61.019/2.4023				IH

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
680.701 747cc Inline4 OHV 2v	10/1962 - 09/1975	L4	747	45	34
680.702 747cc Inline4 OHV 2v	10/1962 - 09/1975	L4	747	45	34
839 Series 782cc Inline4 OHV 2v	09/1971 - 10/1982	L4	782	47	34
670.800 845cc Inline4 OHV 2v	01/1956 - 12/1969	L4	845	51	34
800 Series 845cc Inline4 OHV 2v	01/1965 - 12/1993	L4	845	51	34
B1B.707 845cc Inline4 OHV 2v	04/1983 - 10/1988	L4	845	51	34
813.02 852cc Inline4 OHV 2v	04/1972 - 12/1993	L4	852	51	2
689 Series 956cc Inline4 OHV 2v	07/1965 - 12/1985	L4	956	58	2
C1C Series 956cc Inline4 OHV 2v	10/1984 - 12/1996	L4	956	58	1
D4D 700 999cc Inline4 DOHC 4v	01/1997 - On	L4	999	60	3
D4D 720 999cc Inline4 DOHC 4v	01/1997 - On	L4	999	60	3
688 Series 1108cc Inline4 OHV 2v	02/1962 - 12/1993	L4	1108	67	1
C1E Series 1108cc Inline4 OHV 2v	01/1962 - 12/1996	L4	1108	67	16
D4F Series 1149cc Inline4 DOHC 4v	03/2000 - On	L4	1149	70	3
D7D 760 1149cc Inline4 SOHC 2v	01/1997 - On	L4	1149	70	3
D7F Series 1149cc Inline4 SOHC 2v	03/1996 - On	L4	1149	70	17
E5F Series 1171cc Inline4 SOHC 2v	01/1990 - 02/1998	L4	1171	71	4
E7F Series 1171cc Inline4 SOHC 2v	05/1990 - 12/2001	L4	1171	71	4
129 A7 1219cc Inline4 SOHC 2v	01/1976 - 12/1983	L4	1219	74	18
C1G Series 1237cc Inline4 OHV 2v	01/1984 - 12/2001	L4	1237	75	5
C3G Series 1239cc Inline4 OHV 2v	09/1991 - 03/1998	L4	1239	75	16
812 1255cc Inline4 OHV 2v	01/1967 - On	L4	1255	76	2
810 Series 1289cc Inline4 OHV 2v	01/1968 - 12/1989	L4	1289	78	40
150 1360cc Inline4 SOHC 2v	07/1979 - 12/1983	L4	1360	82	18
X5J 1360cc Inline4 SOHC 2v	12/1981 - 12/1983	L4	1360	82	18
E6J Series 1390cc Inline4 SOHC 2v	03/1986 - 12/2001	L4	1390	84	4
E7J Series 1390cc Inline4 SOHC 2v	05/1990 - On	L4	1390	84	4
K4J Series 1390cc Inline 4 DOHC 4v	06/1998 - On	L4	1390	84	41
K7J Series 1390cc Inline4 DOHC 4v	08/1997 - On	L4	1390	84	4
840-725 1397cc Inline4 OHV 2v	01/1976 - 12/1981	L4	1397	85	5
847 Series 1397cc Inline4 OHV 2v	01/1976 - 12/1989	L4	1397	85	5
C1J Series 1397cc Inline4 OHV 2v	01/1980 - 12/2001	L4	1397	85	5
C1J Series 1397cc Inline4 OHV 2v Turbo	10/1984 - 12/1996	L4	1397	85	5
C2J Series 1397cc Inline4 OHV 2v	10/1980 - 12/2001	L4	1397	85	5
C3J Series 1397cc Inline4 OHV 2v	10/1984 - 12/1996	L4	1397	85	5
C6J Series 1397cc Inline4 OHV 2v Turbo	12/1979 - 12/1985	L4	1397	85	5
K9K 1461cc Inline4 SOHC 2v Turbo Diesel	03/2000 - On	L4	1461	89	27
697.01 1470cc Inline4 OHV 2v	01/1965 - 10/1975	L4	1470	89	24
697.02 1470cc Inline4 OHV 2v	01/1965 - 10/1975	L4	1470	89	24
807 727 1565cc Inline4 OHV 2v Turbo	10/1980 - 07/1986	L4	1565	95	24
807 Series 1565cc Inline4 OHV 2v	01/1968 - 10/1980	L4	1565	95	24
821 Series 1565cc Inline4 OHV 2v	01/1970 - 12/1980	L4	1565	95	24
A5L Series 1565cc Inline4 OHV 2v	01/1982 - 12/1986	L4	1565	95	24
A7L Series 1565cc Inline4 OHV 2v	09/1982 - 09/1986	L4	1565	95	24
C2L Series 1565cc Inline4 OHV 2v	06/1988 - On	L4	1565	95	5
F8M Series 1595cc Inline4 SOHC 2v Diesel	09/1982 - 08/1998	L4	1595	97	22
H4M (Nissan) 1598cc Inline4 DOHC 4v	04/2009 - On	L4	1598	97	39
K4M Series 1598cc Inline 4 DOHC 4v	03/1998 - On	L4	1598	97	41
K7M Series 1598cc Inline4 DOHC 4v	01/1996 - On	L4	1598	97	26
844.12 1605cc Inline4 OHV 2v	09/1973 - 06/1977	L4	1605	97	24
841 Series 1647cc Inline4 OHV 2v	01/1976 - 12/1989	L4	1647	100	24
843 Series 1647cc Inline4 OHV 2v	10/1971 - 10/1981	L4	1647	100	24
A1M Series 1647cc Inline4 OHV 2v	09/1980 - 02/1989	L4	1647	100	24
A2M Series 1647cc Inline4 OHV 2v	04/1978 - 11/1993	L4	1647	100	24
A6M Series 1647cc Inline4 OHV 2v	10/1980 - 07/1986	L4	1647	100	24
F1N Series 1721cc Inline4 SOHC 2v	10/1984 - 10/1997	L4	1721	105	6
F2N Series 1721cc Inline4 SOHC 2v	10/1983 - 12/1996	L4	1721	105	6
F3N Series 1721cc Inline4 SOHC 2v	10/1983 - 12/1996	L4	1721	105	19



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
F7P Series 1764cc Inline4 DOHC 4v	06/1989 - 03/1996	L4	1764	107	20
F4P Series 1783cc Inline4 DOHC 4v	04/1998 - On	L4	1783	108	9
F3P Series 1794cc Inline4 SOHC 2v	06/1990 - 02/2001	L4	1794	109	7
F8Q Series 1870cc Inline4 SOHC 2v Diesel	01/1980 - 09/2003	L4	1870	114	13
F8Q Series 1870cc Inline4 SOHC 2v Turbo Diesel	01/1990 - 12/2001	L4	1870	114	14
F9Q Series 1870cc Inline4 SOHC 2v Turbo Diesel	03/1997 - On	L4	1870	114	23
N7Q Series 1948cc Inline4 DOHC 4v	03/1995 - 02/2001	L4	1948	118	29
829 1995cc Inline4 SOHC 2v	01/1977 - 02/1989	L4	1995	121	21
J5R 1995cc Inline4 SOHC 2v	03/1980 - 07/1998	L4	1995	121	21
J6R 1995cc Inline4 SOHC 2v	10/1980 - 03/1993	L4	1995	121	21
J7R 1995cc Inline4 SOHC 2v	10/1986 - 09/1996	L4	1995	121	11
J7R 752 1995cc Inline4 SOHC 2v Turbo	04/1987 - 03/1992	L4	1995	121	11
M9R Series 1995cc Inline4 DOHC 4v Turbo Diesel	09/2004 - On	L4	1995	121	33
F3R Series 1998cc Inline4 SOHC 2v	07/1992 - 09/2003	L4	1998	121	7
F4R Series 1998cc Inline4 DOHC 4v	10/1998 - On	L4	1998	121	10
F4R Series 1998cc Inline4 DOHC 4v Turbo	09/2001 - On	L4	1998	121	10
F5R Series 1998cc Inline4 DOHC 4v	03/1999 - On	L4	1998	121	10
F7R Series 1998cc Inline4 DOHC 4v	01/1994 - 08/2003	L4	1998	121	8
852 Series 2068cc Inline4 SOHC 2v Diesel	09/1980 - 12/1997	L4	2068	126	15
J8S Series 2068cc Inline4 SOHC 2v Diesel	01/1980 - 12/1998	L4	2068	126	15
J8S Series 2068cc Inline4 SOHC 2v Turbo Diesel	10/1981 - 12/1996	L4	2068	126	15
851-700 2165cc Inline4 SOHC 2v	10/1980 - 12/1983	L4	2165	132	12
J6T Series 2165cc Inline4 SOHC 2v	03/1986 - 12/1994	L4	2165	132	25
J7T Series 2165cc Inline4 SOHC 2v/3v	01/1980 - 12/1998	L4	2165	132	12
G8T Series 2188cc Inline4 SOHC 3v Diesel	11/1993 - 03/2001	L4	2188	133	31
G8T Series 2188cc Inline4 SOHC 3v Turbo Diesel	03/1996 - 03/2001	L4	2188	133	32
G9T Series 2188cc Inline4 DOHC 4v Turbo Diesel	01/2000 - On	L4	2188	133	28
N7U Series 2435cc Inline5 DOHC 4v	10/1996 - 12/2000	L5	2435	148	30
8140.21.235 2445cc Inline4 SOHC 2v Turbo Diesel	01/1986 - 06/1994	L4	2445	149	37
8140.61 Series 2445cc Inline4 SOHC 2v Diesel	03/1980 - 03/2001	L4	2445	149	35
S8U Series 2445cc Inline4 SOHC 2v Diesel	08/1980 - 08/2001	L4	2445	149	35
G9U Series 2463cc Inline4 DOHC 4v Turbo Diesel	05/2000 - On	L4	2463	150	28
8140.07 Series 2499cc Inline4 SOHC 2v Diesel	09/1980 - On	L4	2499	152	35
8140.27 Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - On	L4	2499	152	35
8140.47 Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - On	L4	2499	152	35
8140.67 Series 2499cc Inline4 SOHC 2v Turbo Diesel	05/1989 - 03/2001	L4	2499	152	36
8144.67.2500 2499cc Inline4 SOHC 2v Diesel	09/1989 - 12/1994	L4	2499	152	37
8144.97 Series 2499cc Inline4 SOHC 2v Turbo Diesel	04/1992 - 09/1996	L4	2499	152	36
S8U Series 2499cc Inline4 SOHC 2v Diesel	03/1989 - 12/2003	L4	2499	152	36
S8U Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - 09/1996	L4	2499	152	35
S9U Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - 07/1998	L4	2499	152	35
8140.23 Series 2800cc Inline4 SOHC 2v Turbo Diesel	01/1996 - On	L4	2800	170	38
8140.43 Series 2800cc Inline4 SOHC 2v Turbo Diesel	05/1996 - On	L4	2800	170	38



1	Engine	Year	Cyl	Bore x Stroke	1
	688 Series 1108cc Inline4 OHV 2v	02/1962 - 12/1993	L4	70.0mm x 72.0mm	
	C1C Series 956cc Inline4 OHV 2v	10/1984 - 12/1996	L4	65.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7826A STD, .25, .50, .75		43.964/1.7309	47.614/1.8746	1.810/.0713	20.75/.817	F810	7826A IH
		43.980/1.7315	47.625/1.8750				
MAINS							
<i>Suits 46mm shafts.</i>							
5M7904A STD, .25, .50, .75	1,2,4	45.990/1.8106	49.874/1.9635	1.922/.0757	19.50/.768	F810	7904A UL
		46.000/1.8110	49.890/1.9642				
	3,5	45.990/1.8106	49.874/1.9635	1.922/.0757	24.50/.965	F810	7905A UL
		46.000/1.8110	49.980/1.9677				
MAINS							
<i>To suit engines with 54.80mm shaft.</i>							
5M7909A STD, .25, .50, .75, 1.00	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.950/.0768	19.50/.768	F810	7909A UL
		54.805/2.1577	58.750/2.3130				
THRUST							
1T7815 STD, .10		62.500/2.4606	79.750/3.1398		2.85/.112	F817	7815T IH
		62.750/2.4705	80.000/3.1496				
THRUST							
1T7904 STD		50.500/1.9882	67.670/2.6642		2.36/.093	F817	7904T UL
		50.750/1.9980	67.920/2.6740				
CAMS							
1C7910 STD				1.720/.0677	19.10/.752	F100	7910

2	Engine	Year	Cyl	Bore x Stroke	2
	689 Series 956cc Inline4 OHV 2v	07/1965 - 12/1985	L4	65.0mm x 72.0mm	
	812 1255cc Inline4 OHV 2v	01/1967 - On	L4	74.5mm x 72.0mm	
	813.02 852cc Inline4 OHV 2v	04/1972 - 12/1993	L4	61.4mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7826A STD, .25, .50, .75		43.964/1.7309	47.614/1.8746	1.810/.0713	20.75/.817	F810	7826A IH
		43.980/1.7315	47.625/1.8750				
MAINS							
<i>Suits 46mm shafts.</i>							
5M7904A STD, .25, .50, .75	1,2,4	45.990/1.8106	49.874/1.9635	1.922/.0757	19.50/.768	F810	7904A UL
		46.000/1.8110	49.890/1.9642				
	3,5	45.990/1.8106	49.874/1.9635	1.922/.0757	24.50/.965	F810	7905A UL
		46.000/1.8110	49.980/1.9677				
THRUST							
1T7904 STD		50.500/1.9882	67.670/2.6642		2.36/.093	F817	7904T UL
		50.750/1.9980	67.920/2.6740				
CAMS							
1C7910 STD				1.720/.0677	19.10/.752	F100	7910

3	Engine	Year	Cyl	Bore x Stroke	3
	D4D 700 999cc Inline4 DOHC 4v	01/1997 - On	L4	69.0mm x 66.8mm	
	D4D 720 999cc Inline4 DOHC 4v	01/1997 - On	L4	69.0mm x 66.8mm	
	D4F Series 1149cc Inline4 DOHC 4v	03/2000 - On	L4	69.0mm x 76.8mm	
	D7D 760 1149cc Inline4 SOHC 2v	01/1997 - On	L4	69.0mm x 76.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Bearings have no notches.</i>							
4B7830A STD, .25, .50		39.984/1.5742	43.639/1.7181	1.813/.0714	16.25/.640	F810	7830A IH
		40.000/1.5748	43.650/1.7185				
MAINS							
<i>Bearings have no notches.</i>							
5M7866A STD, .25, .50	1,2,4,5	43.990/1.7319	47.612/1.8745	1.795/.0707	18.80/.740	F810	7866A UL
		44.010/1.7327	47.625/1.8750				



3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M7866A STD, .25, .50	3	43.990/1.7319	47.612/1.8745	1.795/.0707	23.90/.941	F810	7867A(F) U
		44.010/1.7327	47.625/1.8750				

4 Engine	Year	Cyl	Bore x Stroke	4
E5F Series 1171cc Inline4 SOHC 2v	01/1990 - 02/1998	L4	75.8mm x 64.9mm	
E6J Series 1390cc Inline4 SOHC 2v	03/1986 - 12/2001	L4	75.8mm x 77.0mm	
E7F Series 1171cc Inline4 SOHC 2v	05/1990 - 12/2001	L4	75.8mm x 74.9mm	
E7J Series 1390cc Inline4 SOHC 2v	05/1990 - On	L4	75.8mm x 77.0mm	
K7J Series 1390cc Inline4 DOHC 4v	08/1997 - On	L4	75.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Both halves are plain.</i>							
4B7900A STD, .25, .50, .75		43.965/1.7309	47.615/1.8746	1.806/.0711	17.75/.699	F810	7900A IH
		43.980/1.7315	47.625/1.8750				
THRUST							
1T7815 STD, .10		62.500/2.4606	79.750/3.1398		2.85/.112	F817	7815T IH
		62.750/2.4705	80.000/3.1496				

5 Engine	Year	Cyl	Bore x Stroke	5
840-725 1397cc Inline4 OHV 2v	01/1976 - 12/1981	L4	76.0mm x 77.0mm	
847 Series 1397cc Inline4 OHV 2v	01/1976 - 12/1989	L4	76.0mm x 77.0mm	
C1G Series 1237cc Inline4 OHV 2v	01/1984 - 12/2001	L4	71.5mm x 77.0mm	
C1J Series 1397cc Inline4 OHV 2v	01/1980 - 12/2001	L4	76.0mm x 77.0mm	
C1J Series 1397cc Inline4 OHV 2v Turbo	10/1984 - 12/1996	L4	76.0mm x 77.0mm	
C2J Series 1397cc Inline4 OHV 2v	10/1980 - 12/2001	L4	76.0mm x 77.0mm	
C2L Series 1565cc Inline4 OHV 2v	06/1988 - On	L4	77.0mm x 84.0mm	
C3J Series 1397cc Inline4 OHV 2v	10/1984 - 12/1996	L4	76.0mm x 77.0mm	
C6J Series 1397cc Inline4 OHV 2v Turbo	12/1979 - 12/1985	L4	76.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Both halves are plain.</i>							
4B7900A STD, .25, .50, .75		43.965/1.7309	47.615/1.8746	1.806/.0711	17.75/.699	F810	7900A IH
		43.980/1.7315	47.625/1.8750				
MAINS <i>To suit engines with 54.80mm shaft.</i>							
5M7909A STD, .25, .50, .75, 1.00	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.950/.0768	19.50/.768	F810	7909A UL
		54.805/2.1577	58.750/2.3130				
THRUST <i>Use with 5M7909.</i>							
1T7815 STD, .10		62.500/2.4606	79.750/3.1398		2.85/.112	F817	7815T IH
		62.750/2.4705	80.000/3.1496				
		62.500/2.4606	79.750/3.1398				
		62.750/2.4705	80.000/3.1496				
CAMS							
1C7910 STD				1.720/.0677	19.10/.752	F100	7910

6 Engine	Year	Cyl	Bore x Stroke	6
F1N Series 1721cc Inline4 SOHC 2v	10/1984 - 10/1997	L4	81.0mm x 83.5mm	
F2N Series 1721cc Inline4 SOHC 2v	10/1983 - 12/1996	L4	81.0mm x 83.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7820A STD, .25		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A IH
		48.020/1.8905	51.600/2.0315				
RACE SERIES CONROD							
4B7820H STD, .25, .50		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H IH
		48.020/1.8905	51.600/2.0315				



6 Continued ...							6
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 4B7820HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		48.000/1.8898	51.587/2.0310	1.755/.0691	20.50/.807	F781	7820HX IH
		48.020/1.8905	51.600/2.0315				
5M7807A STD, .25, .50	MAINS 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A UL
		54.795/2.1573	58.744/2.3128				
RACE SERIES 5M7807H STD, .25, .50	MAINS 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H UL
		54.795/2.1573	58.744/2.3128				
RACE SERIES 5M7807HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.932/.0761	18.50/.728	F780	7807HX UL
		54.795/2.1573	58.744/2.3128				
1T7807 STD, .10	THRUST	<i>Shaped washer with cutouts.</i>					
		60.500/2.3819	79.750/3.1398		2.35/.093	F817	7807T IH
		60.750/2.3917	80.000/3.1496				
2C7813 STD, .10	CAMS	40.425/1.5915	43.500/1.7126	1.500/.0591	19.25/.758	F250	7813
		40.450/1.5925	43.525/1.7136				
		39.500/1.5551	42.500/1.6732	1.500/.0591	12.50/.492	F250	7814
		39.525/1.5561	42.525/1.6742				

7 Engine	Year	Cyl	Bore x Stroke	7
F3P Series 1794cc Inline4 SOHC 2v	06/1990 - 02/2001	L4	82.7mm x 83.5mm	
F3R Series 1998cc Inline4 SOHC 2v	07/1992 - 09/2003	L4	82.7mm x 93.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7816A STD, .25, .50	CONROD	<i>Bearings have no notches.</i>					
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A IH
		48.020/1.8905	51.606/2.0317				
4B7816P STD, .25, .50	CONROD	<i>Bearings have no notches.</i>					
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F780	7816 U
		48.020/1.8905	51.606/2.0317				
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A L
		48.020/1.8905	51.606/2.0317				
4B7820A STD, .25	CONROD	48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A IH
		48.020/1.8905	51.600/2.0315				
RACE SERIES 4B7820H STD, .25, .50	CONROD	48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H IH
		48.020/1.8905	51.600/2.0315				
RACE SERIES 4B7820HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>					
		48.000/1.8898	51.587/2.0310	1.755/.0691	20.50/.807	F781	7820HX IH
		48.020/1.8905	51.600/2.0315				
5M7807A STD, .25, .50	MAINS 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A UL
		54.795/2.1573	58.744/2.3128				
RACE SERIES 5M7807H STD, .25, .50	MAINS 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H UL
		54.795/2.1573	58.744/2.3128				
RACE SERIES 5M7807HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.932/.0761	18.50/.728	F780	7807HX UL
		54.795/2.1573	58.744/2.3128				
5M7808P STD, .25, .50	MAINS	<i>Bearings have no notch.</i>					
	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7808 UL
		54.795/2.1573	58.744/2.3128				
1T7807 STD, .10	THRUST	<i>Shaped washer with cutouts.</i>					
		60.500/2.3819	79.750/3.1398		2.35/.093	F817	7807T IH
		60.750/2.3917	80.000/3.1496				



7 Continued ...							7
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CAMS							
2C7813 STD, .10		39.500/1.5551	42.500/1.6732	1.500/.0591	12.50/.492	F250	7814
		39.525/1.5561	42.525/1.6742				
		40.425/1.5915	43.500/1.7126	1.500/.0591	19.25/.758	F250	7813
		40.450/1.5925	43.525/1.7136				

8 Engine			Year	Cyl	Bore x Stroke	8
F7R Series 1998cc Inline4 DOHC 4v			01/1994 - 08/2003	L4	82.7mm x 93.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Bearings have no notches.</i>							
4B7816A STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A
		48.020/1.8905	51.606/2.0317				IH
CONROD							
<i>Bearings have no notches.</i>							
4B7816P STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A
		48.020/1.8905	51.606/2.0317				L
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F780	7816
		48.020/1.8905	51.606/2.0317				U
CONROD							
4B7820A STD, .25		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A
		48.020/1.8905	51.600/2.0315				IH
RACE SERIES							
4B7820H STD, .25, .50		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H
		48.020/1.8905	51.600/2.0315				IH
RACE SERIES							
<i>0.001" extra oil clearance on STD journal.</i>							
4B7820HX STD		48.000/1.8898	51.587/2.0310	1.755/.0691	20.50/.807	F781	7820HX
		48.020/1.8905	51.600/2.0315				IH
MAINS							
5M7807A STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A
		54.795/2.1573	58.744/2.3128				UL
RACE SERIES							
5M7807H STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H
		54.795/2.1573	58.744/2.3128				UL
RACE SERIES							
<i>0.001" extra oil clearance on STD journal.</i>							
5M7807HX STD	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.932/.0761	18.50/.728	F780	7807HX
		54.795/2.1573	58.744/2.3128				UL
MAINS							
<i>Bearings have no notch.</i>							
5M7808P STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7808
		54.795/2.1573	58.744/2.3128				UL
THRUST							
<i>Shaped washer with cutouts.</i>							
1T7807 STD, .10		60.500/2.3819	79.750/3.1398		2.35/.093	F817	7807T
		60.750/2.3917	80.000/3.1496				IH
CAMS							
2C7813 STD, .10		40.425/1.5915	43.500/1.7126	1.500/.0591	19.25/.758	F250	7813
		40.450/1.5925	43.525/1.7136				
		39.500/1.5551	42.500/1.6732	1.500/.0591	12.50/.492	F250	7814
		39.525/1.5561	42.525/1.6742				
PISTON PIN BUSH							
RB4122 UNB			23.000/.9055	1.260/.0496	24.75/.974	F100	RB4122
			23.021/.9063				

9 Engine			Year	Cyl	Bore x Stroke	9
F4P Series 1783cc Inline4 DOHC 4v			04/1998 - On	L4	82.7mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS							
<i>These bearings have no notch.</i>							
5M7875A STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7875A
		54.795/2.1573	58.744/2.3128				UL

9 Continued ... 9

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	THRUST	<i>Shaped washer with cutouts.</i>					
1T7807 STD, .10		60.500/2.3819 60.750/2.3917	79.750/3.1398 80.000/3.1496		2.35/.093	F817	7807T IH
RB4122 UNB	PISTON PIN BUSH		23.000/.9055 23.021/.9063	1.260/.0496	24.75/.974	F100	RB4122

10 Engine Year Cyl Bore x Stroke 10

F4R Series 1998cc Inline4 DOHC 4v	10/1998 - On	L4	82.7mm x 93.0mm
F4R Series 1998cc Inline4 DOHC 4v Turbo	09/2001 - On	L4	82.7mm x 93.0mm
F5R Series 1998cc Inline4 DOHC 4v	03/1999 - On	L4	82.7mm x 93.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Bearings have no notches.</i>					
4B7816A STD, .25, .50		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317	1.776/.0699	20.25/.797	F810	7816A IH
	CONROD	<i>Bearings have no notches.</i>					
4B7816P STD, .25, .50		48.000/1.8898 48.020/1.8905 48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317 51.587/2.0310 51.606/2.0317	1.776/.0699 1.776/.0699	20.25/.797 20.25/.797	F780 F810	7816 U 7816A L
	MAINS	<i>Bearings have no notch.</i>					
5M7808P STD, .25, .50	1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F780	7808 UL
	THRUST	<i>Shaped washer with cutouts.</i>					
1T7807 STD, .10		60.500/2.3819 60.750/2.3917	79.750/3.1398 80.000/3.1496		2.35/.093	F817	7807T IH
RB4122 UNB	PISTON PIN BUSH		23.000/.9055 23.021/.9063	1.260/.0496	24.75/.974	F100	RB4122

11 Engine Year Cyl Bore x Stroke 11

J7R 1995cc Inline4 SOHC 2v	10/1986 - 09/1996	L4	88.0mm x 82.0mm
J7R 752 1995cc Inline4 SOHC 2v Turbo	04/1987 - 03/1992	L4	88.0mm x 82.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Upper half with slot.</i>					
4B7805A STD, .25, .50		52.267/2.0578 52.286/2.0585	56.000/2.2047 56.019/2.2055	1.842/.0725	18.75/.738	F810	7805A UL
	MAINS	<i>Contains 5 pieces with groove and 3 holes & 5 plain shells with 2 holes.</i>					
5M7804A STD, .25	1,2,3,4,5	62.861/2.4748 62.880/2.4756	66.668/2.6247 66.687/2.6255	1.879/.0740	23.50/.925	F810	7804A UL
	THRUST	<i>Use with 5M7804. Use with 5M7804.</i>					
1T7804 STD		71.190/2.8028 71.450/2.8130	87.830/3.4579 88.090/3.4681		2.85/.112	F817	7804T IH

12 Engine Year Cyl Bore x Stroke 12

851-700 2165cc Inline4 SOHC 2v	10/1980 - 12/1983	L4	88.0mm x 89.0mm
J7T Series 2165cc Inline4 SOHC 2v/3v	01/1980 - 12/1998	L4	88.0mm x 89.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Oil hole in upper half.</i>					
4B7800A STD, .25		56.267/2.2152 56.286/2.2160	60.005/2.3624 60.019/2.3629	1.842/.0725	20.75/.817	F810	7800A UL
	CONROD	<i>32 degree slot in upper half.</i>					
4B7802A STD, .25		56.267/2.2152 56.286/2.2160	60.005/2.3624 60.019/2.3629	1.842/.0725	20.75/.817	F810	7802A UL



12 Continued ...							12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Plain shells upper and lower.</i>							
4B7806A STD, .25		56.267/2.2152	60.005/2.3624	1.842/.0725	20.75/.817	F810	7806A
		56.286/2.2160	60.019/2.3629				IH
CONROD <i>24 degree slot in upper half.</i>							
4B7838A STD, .25		56.267/2.2152	60.005/2.3624	1.842/.0725	20.75/.817	F810	7838A
		56.286/2.2160	60.019/2.3629				UL
MAINS <i>Contains 10 identical halves with full groove and 3 holes.</i>							
5M7803A STD, .25	1,2,3,4,5	62.873/2.4753	66.668/2.6247	1.884/.0742	23.50/.925	F810	7803A
		62.892/2.4761	66.687/2.6255				IH
MAINS <i>Contains 5 pieces with groove and 3 holes & 5 plain shells with 2 holes.</i>							
5M7804A STD, .25	1,2,3,4,5	62.861/2.4748	66.668/2.6247	1.879/.0740	23.50/.925	F810	7804A
		62.880/2.4756	66.687/2.6255				UL
THRUST <i>Use with 5M7803.</i>							
1T7803 STD		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7803T
		71.450/2.8130	88.090/3.4681				IH
		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7803T
		71.450/2.8130	88.090/3.4681				IH
THRUST <i>Use with 5M7804. Use with 5M7804.</i>							
1T7804 STD		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7804T
		71.450/2.8130	88.090/3.4681				IH
PISTON PIN BUSH							
RB4121 UNB		24.002/.9450	26.000/1.0236	1.160/.0457	25.25/.994	F100	RB4121
		24.010/.9453	26.021/1.0244				

13 Engine				Year	Cyl	Bore x Stroke	13
F8Q Series 1870cc Inline4 SOHC 2v Diesel				01/1980 - 09/2003	L4	80.0mm x 93.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearings have no notches.</i>							
4B7816A STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A
		48.020/1.8905	51.606/2.0317				IH
CONROD <i>Bearings have no notches.</i>							
4B7816P STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A
		48.020/1.8905	51.606/2.0317				L
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F780	7816
		48.020/1.8905	51.606/2.0317				U
CONROD							
4B7820A STD, .25		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A
		48.020/1.8905	51.600/2.0315				IH
RACE SERIES							
4B7820H STD, .25, .50		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H
		48.020/1.8905	51.600/2.0315				IH
RACE SERIES							
4B7820HX STD		48.000/1.8898	51.587/2.0310	1.755/.0691	20.50/.807	F781	7820HX
		48.020/1.8905	51.600/2.0315				IH
MAINS							
5M7807A STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A
		54.795/2.1573	58.744/2.3128				UL
RACE SERIES							
5M7807H STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H
		54.795/2.1573	58.744/2.3128				UL
RACE SERIES							
5M7807HX STD	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.932/.0761	18.50/.728	F780	7807HX
		54.795/2.1573	58.744/2.3128				UL
MAINS <i>Bearings have no notch.</i>							
5M7808P STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7808
		54.795/2.1573	58.744/2.3128				UL

13 Continued ... 13

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	THRUST	<i>Shaped washer with cutouts.</i>					
1T7807 STD, .10		60.500/2.3819 60.750/2.3917	79.750/3.1398 80.000/3.1496		2.35/.093	F817	7807T IH
	PISTON PIN BUSH	<i>Set of 4.</i>					
4RB4185 UNB		24.005/.9451 24.012/.9454	26.000/1.0236 26.021/1.0244		24.75/.974	F100	4RB4185
	PISTON PIN BUSH						
RB4185 UNB		24.005/.9451 24.012/.9454	26.000/1.0236 26.021/1.0244		24.75/.974	F100	RB4185

14 Engine Year Cyl Bore x Stroke 14

F8Q Series 1870cc Inline4 SOHC 2v Turbo Diesel 01/1990 - 12/2001 L4 80.0mm x 93.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	CONROD	<i>Bearings have no notches.</i>						
4B7816A STD, .25, .50		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317	1.776/.0699	20.25/.797	F810	7816A IH	
	CONROD	<i>Bearings have no notches.</i>						
4B7816P STD, .25, .50		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317	1.776/.0699	20.25/.797	F780	7816 U	
		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317	1.776/.0699	20.25/.797	F810	7816A L	
	CONROD							
4B7820A STD, .25		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.600/2.0315	1.768/.0696	20.50/.807	F810	7820A IH	
RACE SERIES 4B7820H STD, .25, .50	CONROD	48.000/1.8898 48.020/1.8905	51.587/2.0310 51.600/2.0315	1.768/.0696	20.50/.807	F781	7820H IH	
RACE SERIES 4B7820HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>						
		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.600/2.0315	1.755/.0691	20.50/.807	F781	7820HX IH	
	MAINS							
5M7807A STD, .25, .50	1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F810	7807A UL	
RACE SERIES 5M7807H STD, .25, .50	MAINS	1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F780	7807H UL
RACE SERIES 5M7807HX STD	MAINS	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>					
		54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.932/.0761	18.50/.728	F780	7807HX UL	
	MAINS							
5M7808P STD, .25, .50	1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F780	7808 UL	
	THRUST	<i>Shaped washer with cutouts.</i>						
1T7807 STD, .10		60.500/2.3819 60.750/2.3917	79.750/3.1398 80.000/3.1496		2.35/.093	F817	7807T IH	
	PISTON PIN BUSH							
RB4186 UNB		26.013/1.0241 26.025/1.0246	29.000/1.1417 29.021/1.1426		22.90/.902	F100	RB4186	



15	Engine	Year	Cyl	Bore x Stroke	15
	852 Series 2068cc Inline4 SOHC 2v Diesel	09/1980 - 12/1997	L4	86.0mm x 89.0mm	
	J8S Series 2068cc Inline4 SOHC 2v Diesel	01/1980 - 12/1998	L4	86.0mm x 89.0mm	
	J8S Series 2068cc Inline4 SOHC 2v Turbo Diesel	10/1981 - 12/1996	L4	86.0mm x 89.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Oil hole in upper half.</i>							
4B7800A STD, .25		56.267/2.2152	60.005/2.3624	1.842/.0725	20.75/.817	F810	7800A UL
		56.286/2.2160	60.019/2.3629				
CONROD							
<i>32 degree slot in upper half.</i>							
4B7802A STD, .25		56.267/2.2152	60.005/2.3624	1.842/.0725	20.75/.817	F810	7802A UL
		56.286/2.2160	60.019/2.3629				
CONROD							
<i>Plain shells upper and lower.</i>							
4B7806A STD, .25		56.267/2.2152	60.005/2.3624	1.842/.0725	20.75/.817	F810	7806A IH
		56.286/2.2160	60.019/2.3629				
CONROD							
<i>24 degree slot in upper half.</i>							
4B7838A STD, .25		56.267/2.2152	60.005/2.3624	1.842/.0725	20.75/.817	F810	7838A UL
		56.286/2.2160	60.019/2.3629				
MAINS							
<i>Contains 10 identical halves with full groove and 3 holes.</i>							
5M7803A STD, .25	1,2,3,4,5	62.873/2.4753	66.668/2.6247	1.884/.0742	23.50/.925	F810	7803A IH
		62.892/2.4761	66.687/2.6255				
MAINS							
<i>Contains 5 pieces with groove and 3 holes & 5 plain shells with 2 holes.</i>							
5M7804A STD, .25	1,2,3,4,5	62.861/2.4748	66.668/2.6247	1.879/.0740	23.50/.925	F810	7804A UL
		62.880/2.4756	66.687/2.6255				
THRUST							
<i>Use with 5M7803. Use with 5M7803.</i>							
1T7803 STD		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7803T IH
		71.450/2.8130	88.090/3.4681				
		71.190/2.8028	87.830/3.4579				
		71.450/2.8130	88.090/3.4681				
THRUST							
<i>Use with 5M7804.</i>							
1T7804 STD		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7804T IH
		71.450/2.8130	88.090/3.4681				
		71.190/2.8028	87.830/3.4579				
		71.450/2.8130	88.090/3.4681				
PISTON PIN BUSH							
RB4181 UNB		28.002/1.1024	30.000/1.1811		25.25/.994	F100	RB4181
		28.010/1.1028	30.021/1.1819				

16	Engine	Year	Cyl	Bore x Stroke	16
	C1E Series 1108cc Inline4 OHV 2v	01/1962 - 12/1996	L4	70.0mm x 72.0mm	
	C3G Series 1239cc Inline4 OHV 2v	09/1991 - 03/1998	L4	74.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7826A STD, .25, .50, .75		43.964/1.7309	47.614/1.8746	1.810/.0713	20.75/.817	F810	7826A IH
		43.980/1.7315	47.625/1.8750				
MAINS							
<i>To suit engines with 54.80mm shaft.</i>							
5M7909A STD, .25, .50, .75, 1.00	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.950/.0768	19.50/.768	F810	7909A UL
		54.805/2.1577	58.750/2.3130				
THRUST							
<i>Use with 5M7909.</i>							
1T7815 STD, .10		62.500/2.4606	79.750/3.1398		2.85/.112	F817	7815T IH
		62.750/2.4705	80.000/3.1496				
CAMS							
1C7910 STD				1.720/.0677	19.10/.752	F100	7910

17	Engine	Year	Cyl	Bore x Stroke	17
	D7F Series 1149cc Inline4 SOHC 2v	03/1996 - On	L4	69.0mm x 76.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearings have no notches.</i>							
4B7830A STD, .25, .50		39.984/1.5742	43.639/1.7181	1.813/.0714	16.25/.640	F810	7830A IH
		40.000/1.5748	43.650/1.7185				
4B7860A STD, .25, .50		39.984/1.5742	43.639/1.7181	1.813/.0714	16.25/.640	F810	7860A IH
		40.000/1.5748	43.650/1.7185				
MAINS							
5M7817A STD, .25, .50	1,2,4,5	43.990/1.7319	47.612/1.8745	1.798/.0708	18.80/.740	F810	7817A UL
		44.010/1.7327	47.625/1.8750				
	3	43.990/1.7319	47.612/1.8745	1.798/.0708	23.93/.942	F810	7818A(F) U
		44.010/1.7327	47.625/1.8750				
MAINS <i>Bearings have no notches.</i>							
5M7866A STD, .25, .50	1,2,4,5	43.990/1.7319	47.612/1.8745	1.795/.0707	18.80/.740	F810	7866A UL
		44.010/1.7327	47.625/1.8750				
	3	43.990/1.7319	47.612/1.8745	1.795/.0707	23.90/.941	F810	7867A(F) U
		44.010/1.7327	47.625/1.8750				

18	Engine	Year	Cyl	Bore x Stroke	18
	129 A7 1219cc Inline4 SOHC 2v	01/1976 - 12/1983	L4	75.0mm x 69.0mm	
	150 1360cc Inline4 SOHC 2v	07/1979 - 12/1983	L4	75.0mm x 77.0mm	
	X5J 1360cc Inline4 SOHC 2v	12/1981 - 12/1983	L4	75.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>Bearings are plain.</i>								
4B7712A STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A IH	
		44.991/1.7713	48.671/1.9162					
RACE SERIES 4B7712H STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H IH	
		44.991/1.7713	48.671/1.9162					
CONROD <i>0.001" extra oil clearance on STD journal.</i>								
RACE SERIES 4B7712HX STD		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX IH	
		44.991/1.7713	48.671/1.9162					
MAINS <i>Set contains 7 grooved and 3 plain shells.</i>								
5M7705A STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7707A L	
		49.981/1.9678	53.674/2.1131					
			49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7705A IH
			49.981/1.9678	53.674/2.1131				
THRUST								
1T7707 STD, .15		55.250/2.1752	73.250/2.8839		2.35/.093	F817	7707T IH	
		55.500/2.1850	73.450/2.8917					
THRUST								
1T7709 STD, .10		55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T IH	
		55.500/2.1850	73.450/2.8917					

19	Engine	Year	Cyl	Bore x Stroke	19
	F3N Series 1721cc Inline4 SOHC 2v	10/1983 - 12/1996	L4	81.0mm x 83.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7820A STD, .25		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A IH
		48.020/1.8905	51.600/2.0315				
RACE SERIES 4B7820H STD, .25, .50		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H IH
		48.020/1.8905	51.600/2.0315				
CONROD <i>0.001" extra oil clearance on STD journal.</i>							
RACE SERIES 4B7820HX STD		48.000/1.8898	51.587/2.0310	1.755/.0691	20.50/.807	F781	7820HX IH
		48.020/1.8905	51.600/2.0315				



19 Continued ...							19
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M7807A STD, .25, .50	MAINS 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A UL
		54.795/2.1573	58.744/2.3128				
RACE SERIES 5M7807H STD, .25, .50	MAINS 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H UL
		54.795/2.1573	58.744/2.3128				
RACE SERIES 5M7807HX STD	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.932/.0761	18.50/.728	F780	7807HX UL
		54.785/2.1569	58.731/2.3122				
1T7807 STD, .10	THRUST	<i>Shaped washer with cutouts.</i>		60.750/2.3917	2.35/.093	F817	7807T IH
		60.500/2.3819	79.750/3.1398				
2C7813 STD, .10	CAMS	39.500/1.5551	42.500/1.6732	1.500/.0591	12.50/.492	F250	7814
		39.525/1.5561	42.525/1.6742	1.500/.0591	19.25/.758	F250	7813
		40.425/1.5915	43.500/1.7126				
		40.450/1.5925	43.525/1.7136				
RB4122 UNB	PISTON PIN BUSH			23.000/.9055	24.75/.974	F100	RB4122
				23.021/.9063			

20 Engine				Year	Cyl	Bore x Stroke	20
F7P Series 1764cc Inline4 DOHC 4v				06/1989 - 03/1996	L4	82.0mm x 83.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7820A STD, .25	CONROD	48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A IH
		48.020/1.8905	51.600/2.0315				
RACE SERIES 4B7820H STD, .25, .50	CONROD	48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H IH
		48.020/1.8905	51.600/2.0315				
RACE SERIES 4B7820HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.755/.0691	20.50/.807	F781	7820HX IH
		48.000/1.8898	51.587/2.0310				
5M7807A STD, .25, .50	MAINS 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A UL
		54.795/2.1573	58.744/2.3128				
RACE SERIES 5M7807H STD, .25, .50	MAINS 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H UL
		54.795/2.1573	58.744/2.3128				
RACE SERIES 5M7807HX STD	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.932/.0761	18.50/.728	F780	7807HX UL
		54.785/2.1569	58.731/2.3122				
1T7807 STD, .10	THRUST	<i>Shaped washer with cutouts.</i>		60.750/2.3917	2.35/.093	F817	7807T IH
		60.500/2.3819	79.750/3.1398				
RB4122 UNB	PISTON PIN BUSH			23.000/.9055	24.75/.974	F100	RB4122
				23.021/.9063			



21	Engine	Year	Cyl	Bore x Stroke	21
	829 1995cc Inline4 SOHC 2v	01/1977 - 02/1989	L4	88.0mm x 82.0mm	
	J5R 1995cc Inline4 SOHC 2v	03/1980 - 07/1998	L4	88.0mm x 82.0mm	
	J6R 1995cc Inline4 SOHC 2v	10/1980 - 03/1993	L4	88.0mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Upper half with slot.</i>							
4B7805A STD, .25, .50		52.267/2.0578	56.000/2.2047	1.842/.0725	18.75/.738	F810	7805A UL
		52.286/2.0585	56.019/2.2055				
MAINS <i>Contains 10 identical halves with full groove and 3 holes.</i>							
5M7803A STD, .25	1,2,3,4,5	62.873/2.4753	66.668/2.6247	1.884/.0742	23.50/.925	F810	7803A IH
		62.892/2.4761	66.687/2.6255				
MAINS <i>Contains 5 pieces with groove and 3 holes & 5 plain shells with 2 holes.</i>							
5M7804A STD, .25	1,2,3,4,5	62.861/2.4748	66.668/2.6247	1.879/.0740	23.50/.925	F810	7804A UL
		62.880/2.4756	66.687/2.6255				
THRUST <i>Use with 5M7803. Use with 5M7803.</i>							
1T7803 STD		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7803T IH
		71.450/2.8130	88.090/3.4681				
		71.190/2.8028	87.830/3.4579				
		71.450/2.8130	88.090/3.4681				
THRUST <i>Use with 5M7804. Use with 5M7804.</i>							
1T7804 STD		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7804T IH
		71.450/2.8130	88.090/3.4681				
		71.190/2.8028	87.830/3.4579				
		71.450/2.8130	88.090/3.4681				

22	Engine	Year	Cyl	Bore x Stroke	22
	F8M Series 1595cc Inline4 SOHC 2v Diesel	09/1982 - 08/1998	L4	78.0mm x 83.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7820A STD, .25		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A IH
		48.020/1.8905	51.600/2.0315				
RACE SERIES							
4B7820H STD, .25, .50		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H IH
		48.020/1.8905	51.600/2.0315				
RACE SERIES							
4B7820HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.755/.0691	20.50/.807	F781	7820HX IH
		48.000/1.8898	51.587/2.0310				
MAINS							
5M7807A STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A UL
		54.795/2.1573	58.744/2.3128				
RACE SERIES							
5M7807H STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H UL
		54.795/2.1573	58.744/2.3128				
RACE SERIES							
5M7807HX STD	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.932/.0761	18.50/.728	F780	7807HX UL
		54.785/2.1569	58.731/2.3122				
THRUST <i>Shaped washer with cutouts.</i>							
1T7807 STD, .10		60.500/2.3819	79.750/3.1398		2.35/.093	F817	7807T IH
		60.750/2.3917	80.000/3.1496				
PISTON PIN BUSH							
RB4186 UNB		26.013/1.0241	29.000/1.1417		22.90/.902	F100	RB4186
		26.025/1.0246	29.021/1.1426				



23 Engine		Year		Cyl	Bore x Stroke		23
F9Q Series 1870cc Inline4 SOHC 2v Turbo Diesel		03/1997 - On		L4	80.0mm x 93.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearings have no notches.</i>							
4B7816A STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A IH
		48.020/1.8905	51.606/2.0317				
CONROD <i>Bearings have no notches.</i>							
4B7816P STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F780	7816 U
		48.020/1.8905	51.606/2.0317				
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A L
		48.020/1.8905	51.606/2.0317				
MAINS <i>Bearings have no notch.</i>							
5M7808P STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7808 UL
		54.795/2.1573	58.744/2.3128				
THRUST <i>Shaped washer with cutouts.</i>							
1T7807 STD, .10		60.500/2.3819	79.750/3.1398		2.35/.093	F817	7807T IH
		60.750/2.3917	80.000/3.1496				
PISTON PIN BUSH							
RB4184		27.996/1.1022	30.240/1.1905		24.65/.971	F100	RB4184
		28.000/1.1024	30.260/1.1913				

24 Engine		Year		Cyl	Bore x Stroke		24
697.01 1470cc Inline4 OHV 2v		01/1965 - 10/1975		L4	76.0mm x 81.0mm		
697.02 1470cc Inline4 OHV 2v		01/1965 - 10/1975		L4	76.0mm x 81.0mm		
807 727 1565cc Inline4 OHV 2v Turbo		10/1980 - 07/1986		L4	77.0mm x 84.0mm		
807 Series 1565cc Inline4 OHV 2v		01/1968 - 10/1980		L4	77.0mm x 84.0mm		
821 Series 1565cc Inline4 OHV 2v		01/1970 - 12/1980		L4	77.0mm x 84.0mm		
841 Series 1647cc Inline4 OHV 2v		01/1976 - 12/1989		L4	79.0mm x 84.0mm		
843 Series 1647cc Inline4 OHV 2v		10/1971 - 10/1981		L4	79.0mm x 84.0mm		
844.12 1605cc Inline4 OHV 2v		09/1973 - 06/1977		L4	78.0mm x 84.0mm		
A1M Series 1647cc Inline4 OHV 2v		09/1980 - 02/1989		L4	79.0mm x 84.0mm		
A2M Series 1647cc Inline4 OHV 2v		04/1978 - 11/1993		L4	79.0mm x 84.0mm		
A5L Series 1565cc Inline4 OHV 2v		01/1982 - 12/1986		L4	77.0mm x 84.0mm		
A6M Series 1647cc Inline4 OHV 2v		10/1980 - 07/1986		L4	79.0mm x 84.0mm		
A7L Series 1565cc Inline4 OHV 2v		09/1982 - 09/1986		L4	79.0mm x 84.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8101A STD, .25, .50		48.002/1.8898	51.587/2.0310	1.768/.0696	21.75/.856	F810	8101A IH
		48.018/1.8905	51.600/2.0315				
MAINS							
5M8102A STD, .25, .50	1,2,3,4,5	54.803/2.1576	58.731/2.3122	1.950/.0768	20.50/.807	F810	8102A UL
		54.813/2.1580	58.750/2.3130				
THRUST							
1T7815 STD, .10		62.500/2.4606	79.750/3.1398		2.85/.112	F817	7815T IH
		62.750/2.4705	80.000/3.1496				

25 Engine		Year		Cyl	Bore x Stroke		25
J6T Series 2165cc Inline4 SOHC 2v		03/1986 - 12/1994		L4	88.0mm x 89.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>32 degree slot in upper half.</i>							
4B7802A STD, .25		56.267/2.2152	60.005/2.3624	1.842/.0725	20.75/.817	F810	7802A UL
		56.286/2.2160	60.019/2.3629				
MAINS <i>Contains 10 identical halves with full groove and 3 holes.</i>							
5M7803A STD, .25	1,2,3,4,5	62.873/2.4753	66.668/2.6247	1.884/.0742	23.50/.925	F810	7803A IH
		62.892/2.4761	66.687/2.6255				

25 Continued ... 25

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
THRUST <i>Use with 5M7803.</i>							
1T7803 STD		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7803T IH
		71.450/2.8130	88.090/3.4681				
PISTON PIN BUSH							
RB4121 UNB		24.002/.9450	26.000/1.0236	1.160/.0457	25.25/.994	F100	RB4121
		24.010/.9453	26.021/1.0244				

26 Engine Year Cyl Bore x Stroke 26
K7M Series 1598cc Inline4 DOHC 4v 01/1996 - On L4 79.5mm x 80.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Both halves are plain.</i>							
4B7900A STD, .25, .50, .75		43.965/1.7309	47.615/1.8746	1.806/.0711	17.75/.699	F810	7900A IH
		43.980/1.7315	47.625/1.8750				
CONROD <i>Bearings have no notches.</i>							
4B7906A STD, .25, .50, .75		43.960/1.7307	47.610/1.8744	1.808/.0712	17.75/.699	F810	7906A IH
		43.980/1.7315	47.628/1.8751				
CONROD							
4B7907A STD, .25, .50, .75		43.960/1.7307	47.610/1.8744	1.808/.0712	17.75/.699	F810	7907A IH
		43.980/1.7315	47.628/1.8751				
MAINS <i>Bearings have no notches. Set contains 7 grooved shells and 3 plain.</i>							
5M7865A STD, .25, .50, .75	1,2,3,4,5	48.000/1.8898	51.935/2.0447	1.950/.0768	19.50/.768	F810	7865A UL
		48.011/1.8902	51.943/2.0450				
MAINS							
5M7868A STD, .25, .50, .75		48.000/1.8898	51.935/2.0447	1.950/.0768	19.50/.768	F810	7868A UL
		48.011/1.8902	51.943/2.0450	1.950/.0768	19.50/.768	F810	7869A IH
		48.000/1.8898	51.935/2.0447	1.950/.0768	19.50/.768	F810	7869A IH
		48.011/1.8902	51.943/2.0450	1.950/.0768	19.50/.768	F810	7869A IH
THRUST							
1T7809 STD		53.500/2.1063	73.750/2.9035		2.85/.112	F817	7809T IH
		53.750/2.1161	74.000/2.9134				

27 Engine Year Cyl Bore x Stroke 27
K9K 1461cc Inline4 SOHC 2v Turbo Diesel 03/2000 - On L4 76.0mm x 80.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearings have no notch.</i>							
4B5506P STD, .25, .50		43.960/1.7307	47.610/1.8744	1.815/.0715	20.75/.817	F780	5506 U
		43.980/1.7315	47.628/1.8751				
		43.960/1.7307	47.610/1.8744	1.806/.0711	17.75/.699	F810	5526A L
		43.980/1.7315	47.628/1.8751				
CONROD <i>Bearings have no notch.</i>							
4B5524P STD, .25, .50		43.960/1.7307	47.628/1.8751	1.803/.0710	20.60/.811	F780	5524 U
		43.980/1.7315	47.628/1.8751				
		43.960/1.7307	47.610/1.8744	1.803/.0710	17.60/.693	F780	5525 L
		43.980/1.7315	47.628/1.8751				
CONROD							
4B5527P STD, .25, .50		43.960/1.7307	47.610/1.8744	1.803/.0710	17.60/.693	F810	5527A IH
		43.980/1.7315	47.628/1.8751				
MAINS <i>Bearings have no notches.</i>							
5M7864A STD, .25, .50, .75	1,2,3,4,5	48.000/1.8898	51.935/2.0447	1.950/.0768	19.50/.768	F810	7864A UL
		48.011/1.8902	51.943/2.0450				
THRUST							
1T7809 STD		53.500/2.1063	73.750/2.9035		2.85/.112	F817	7809T IH
		53.750/2.1161	74.000/2.9134				
THRUST							
1T7864 STD		53.500/2.1063	73.750/2.9035		2.85/.112	F817	7864T IH
		53.750/2.1161	74.000/2.9134				



27 Continued ...							27
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

PISTON PIN BUSH							
RB4187		25.995/1.0234	28.500/1.1220		22.50/.886	F100	RB4187
		26.000/1.0236	28.521/1.1229				

28 Engine		Year	Cyl	Bore x Stroke	28
G9T Series 2188cc Inline4 DOHC 4v Turbo Diesel		01/2000 - On	L4	87.0mm x 92.0mm	
G9U Series 2463cc Inline4 DOHC 4v Turbo Diesel		05/2000 - On	L4	89.0mm x 99.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B7848P STD, .25		52.971/2.0855	56.587/2.2278	1.782/.0702	20.65/.813	F780	7848 U
		52.990/2.0862	56.606/2.2286				
		52.971/2.0855	56.587/2.2278	1.782/.0702	20.65/.813	F810	7848A L
		52.990/2.0862	56.606/2.2286				

MAINS							
5M7850A STD, .25	1,2,3,4,5	57.980/2.2827	61.668/2.4279	1.810/.0713	20.99/.826	F810	7850A UL
		58.000/2.2835	61.681/2.4284				

THRUST							
1T7850 STD		63.250/2.4902	78.550/3.0925		2.35/.093	F817	7850T UL
		63.500/2.5000	78.800/3.1024				

PISTON PIN BUSH <i>Set of 4.</i>							
4RB4134 UNB		31.013/1.2210	33.500/1.3189		25.91/1.020	F100	4RB4134
		31.020/1.2213	33.525/1.3199				

PISTON PIN BUSH							
RB4134 UNB		31.013/1.2210	33.500/1.3189	1.500/.0591	25.91/1.020	F100	RB4134
		31.020/1.2213	33.525/1.3199				

29 Engine		Year	Cyl	Bore x Stroke	29
N7Q Series 1948cc Inline4 DOHC 4v		03/1995 - 02/2001	L4	83.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B7880P STD, .25		49.984/1.9679	53.000/2.0866	1.496/.0589	19.50/.768	F781	7880 IH
		50.000/1.9685	53.013/2.0871				

MAINS							
5M7884A STD, .25	1,2,4,5	64.987/2.5585	69.000/2.7165	1.994/.0785	19.60/.772	F810	7884A UL
		65.000/2.5591	69.014/2.7171				
	3	64.987/2.5585	69.000/2.7165	1.998/.0787	25.88/1.019	F810	7885A(F) UL
		65.000/2.5591	69.014/2.7171				

PISTON PIN BUSH							
RB4180			26.000/1.0236		25.20/.992	F100	RB4180
			26.025/1.0246				

30 Engine		Year	Cyl	Bore x Stroke	30
N7U Series 2435cc Inline5 DOHC 4v		10/1996 - 12/2000	L5	83.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
5B7880P STD, .25		49.984/1.9679	53.000/2.0866	1.496/.0589	19.50/.768	F781	7880 IH
		50.000/1.9685	53.013/2.0871				

MAINS							
6M7884A STD, .25	1,2,3,5,6	64.987/2.5585	69.000/2.7165	1.994/.0785	19.60/.772	F810	7884A UL
		65.000/2.5591	69.014/2.7171				
	4	64.987/2.5585	69.000/2.7165	1.998/.0787	25.88/1.019	F810	7885A(F) UL
		65.000/2.5591	69.014/2.7171				

PISTON PIN BUSH							
RB4180			26.000/1.0236		25.20/.992	F100	RB4180
			26.025/1.0246				

31 Engine		Year		Cyl	Bore x Stroke		31
G8T Series 2188cc Inline4 SOHC 3v Diesel		11/1993 - 03/2001		L4	87.0mm x 92.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7849A STD, .25		47.975/1.8888	51.612/2.0320	1.800/.0709	20.65/.813	F810	7849A IH
		47.991/1.8894	51.625/2.0325				
4B7849P STD, .25		47.975/1.8888	51.612/2.0320	1.800/.0709	20.65/.813	F780	7849 IH
		47.991/1.8894	51.625/2.0325				
5M7850A STD, .25	MAINS 1,2,3,4,5	57.980/2.2827	61.668/2.4279	1.810/.0713	20.99/.826	F810	7850A UL
		58.000/2.2835	61.681/2.4284				
1T5505 Std	THRUST	63.250/2.4902	78.550/3.0925		2.35/.093	F817	5505T IH
		63.500/2.5000	78.800/3.1024				
1T7807 STD, .10	THRUST	<i>Shaped washer with cutouts.</i>			2.35/.093	F817	7807T IH
		60.500/2.3819	79.750/3.1398				
4RB4182 UNB	PISTON PIN BUSH	<i>Set of 4.</i>			25.80/1.016	F100	4RB4182
			30.000/1.1811				
RB4182 UNB	PISTON PIN BUSH		30.021/1.1819		25.80/1.016	F100	RB4182
			30.000/1.1811				

32 Engine		Year		Cyl	Bore x Stroke		32
G8T Series 2188cc Inline4 SOHC 3v Turbo Diesel		03/1996 - 03/2001		L4	87.0mm x 92.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7845P STD, .25		47.975/1.8888	51.612/2.0320	1.803/.0710	20.65/.813	F780	7845 IH
		47.991/1.8894	51.625/2.0325				
5M7850A STD, .25	MAINS 1,2,3,4,5	57.980/2.2827	61.668/2.4279	1.810/.0713	20.99/.826	F810	7850A UL
		58.000/2.2835	61.681/2.4284				
1T5505 Std	THRUST	63.250/2.4902	78.550/3.0925		2.35/.093	F817	5505T IH
		63.500/2.5000	78.800/3.1024				
1T7807 STD, .10	THRUST	<i>Shaped washer with cutouts.</i>			2.35/.093	F817	7807T IH
		60.500/2.3819	79.750/3.1398				
4RB4134 UNB	PISTON PIN BUSH	<i>Set of 4.</i>			25.91/1.020	F100	4RB4134
			31.013/1.2210				
RB4134 UNB	PISTON PIN BUSH		33.500/1.3189	1.500/.0591	25.91/1.020	F100	RB4134
			31.020/1.2213				

33 Engine		Year		Cyl	Bore x Stroke		33
M9R Series 1995cc Inline4 DOHC 4v Turbo Diesel		09/2004 - On		L4	84.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7886P STD, .25, .50		51.985/2.0466	55.600/2.1890	1.768/.0696	18.30/.721	F810	7886A L
		52.000/2.0472	55.619/2.1897				
		51.985/2.0466	55.600/2.1890	1.768/.0696	19.30/.760	F780	7886 U
		52.000/2.0472	55.619/2.1897				
5M7888P STD, .25, .50	MAINS 1,2,3,4,5	55.985/2.2041	59.998/2.3621	1.988/.0783	17.20/.677	F780	7888 L
		56.000/2.2047	60.011/2.3626				



33 Continued ...							33
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M7888P STD, .25, .50	1,2,3,4,5	55.985/2.2041 56.000/2.2047	59.998/2.3621 60.011/2.3626	1.988/.0783	19.50/.768	F810	7888A U
1T7888 STD	THRUST	65.000/2.5591 65.025/2.5600	84.250/3.3169 84.500/3.3268		2.65/.104	F817	7888T
1T7889 STD	THRUST	65.600/2.5827 65.850/2.5925	84.000/3.3071 84.250/3.3169		2.70/.106	F817	7889T
RB4183	PISTON PIN BUSH	31.994/1.2596 32.000/1.2598	34.985/1.3774 35.010/1.3783		23.70/.933	F100	RB4183

34 Engine	Year	Cyl	Bore x Stroke	34
670.800 845cc Inline4 OHV 2v	01/1956 - 12/1969	L4	58.0mm x 80.0mm	
680.701 747cc Inline4 OHV 2v	10/1962 - 09/1975	L4	54.5mm x 80.0mm	
680.702 747cc Inline4 OHV 2v	10/1962 - 09/1975	L4	54.5mm x 80.0mm	
800 Series 845cc Inline4 OHV 2v	01/1965 - 12/1993	L4	58.0mm x 80.0mm	
839 Series 782cc Inline4 OHV 2v	09/1971 - 10/1982	L4	55.8mm x 80.0mm	
B1B.707 845cc Inline4 OHV 2v	04/1983 - 10/1988	L4	58.0mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7640A STD, .25, .50, .75	CONROD	37.959/1.4944 37.975/1.4951	41.128/1.6192 41.139/1.6196	1.570/.0618	21.18/.834	F810	7640A IH
3M3161A STD, .25, .50	MAINS						
	1	39.990/1.5744 39.975/1.5738		1.990/.0783	27.10/1.067	F810	3159A UL
	2	39.990/1.5744 39.975/1.5738	44.000/1.7323 44.013/1.7328	1.990/.0783	30.10/1.185	F810	3160A IH
	3	39.990/1.5744 39.975/1.5738	44.000/1.7323 44.013/1.7328	1.990/.0783	32.87/1.294	F810	3161A UL
1T3161 STD	THRUST	44.400/1.7480 44.650/1.7579	55.650/2.1909 55.900/2.2008		1.98/.078	F817	3161T UL

35 Engine	Year	Cyl	Bore x Stroke	35
8140.07 Series 2499cc Inline4 SOHC 2v Diesel	09/1980 - On	L4	93.0mm x 92.0mm	
8140.27 Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - On	L4	93.0mm x 92.0mm	
8140.47 Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - On	L4	93.0mm x 92.0mm	
8140.61 Series 2445cc Inline4 SOHC 2v Diesel	03/1980 - 03/2001	L4	93.0mm x 90.0mm	
S8U Series 2445cc Inline4 SOHC 2v Diesel	08/1980 - 08/2001	L4	93.0mm x 90.0mm	
S8U Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - 09/1996	L4	92.0mm x 93.0mm	
S9U Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - 07/1998	L4	93.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7940P STD, .25, .50, .75	CONROD		<i>Bearing has one hole.</i>	1.870/.0736	24.70/.972	F780	7940 IH
		56.520/2.2252 56.535/2.2258	60.333/2.3753 60.345/2.3758				
4B7941P STD, .25, .50, .75	CONROD		<i>Bearings have no hole.</i>	1.870/.0736	24.70/.972	F780	7941 IH
		56.520/2.2252 56.535/2.2258	60.333/2.3753 60.345/2.3758				
5M7946P STD, .25, .50, .75	MAINS		<i>Has slot in upper half.</i>	2.172/.0855	24.99/.984	F780	7946 UL
	1,2,3,4	76.187/2.9995 76.200/3.0000	80.586/3.1727 80.607/3.1735				
	5	76.187/2.9995 76.200/3.0000	80.586/3.1727 80.607/3.1735	2.172/.0855	31.95/1.258	F780	7947(F) UL
5M7948P STD, .25	MAINS		<i>Has hole in upper half.</i>	2.172/.0855	24.99/.984	F780	7948 UL
	1,2,3,4	76.187/2.9995 76.200/3.0000	80.586/3.1727 80.607/3.1735				

35 Continued ...							35
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M7948P STD, .25	5	76.187/2.9995 76.200/3.0000	80.586/3.1727 80.607/3.1735	2.172/.0855	31.95/1.258	F780	7949(F) UL
MAINS		<i>Has hole in upper half.</i>					
5M7956P STD, .25, .50	1,2,3,4	80.182/3.1568 80.208/3.1578	84.588/3.3302 84.614/3.3313	2.164/.0852	23.80/.937	F780	7956 UL
	5	86.182/3.3930 86.208/3.3940	90.588/3.5664 90.614/3.5675	2.164/.0852	30.95/1.219	F780	7957(F) UL
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4188		31.990/1.2594 31.996/1.2597	34.895/1.3738 34.920/1.3748		30.70/1.209	F100	4RB4188
PISTON PIN BUSH							
RB4188		31.990/1.2594 31.996/1.2597	34.895/1.3738 34.920/1.3748		30.70/1.209	F100	RB4188

36 Engine				Year	Cyl	Bore x Stroke	36
8140.67 Series 2499cc Inline4 SOHC 2v Turbo Diesel				05/1989 - 03/2001	L4	93.0mm x 92.0mm	
8144.97 Series 2499cc Inline4 SOHC 2v Turbo Diesel				04/1992 - 09/1996	L4	93.0mm x 92.0mm	
S8U Series 2499cc Inline4 SOHC 2v Diesel				03/1989 - 12/2003	L4	93.0mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Bearings have no hole.</i>					
4B7941P STD, .25, .50, .75		56.520/2.2252 56.535/2.2258	60.333/2.3753 60.345/2.3758	1.870/.0736	24.70/.972	F780	7941 IH
MAINS		<i>Has slot in upper half.</i>					
5M7946P STD, .25, .50, .75	1,2,3,4	76.187/2.9995 76.200/3.0000	80.586/3.1727 80.607/3.1735	2.172/.0855	24.99/.984	F780	7946 UL
	5	76.187/2.9995 76.200/3.0000	80.586/3.1727 80.607/3.1735	2.172/.0855	31.95/1.258	F780	7947(F) UL
MAINS		<i>Has hole in upper half.</i>					
5M7948P STD, .25	1,2,3,4	76.187/2.9995 76.200/3.0000	80.586/3.1727 80.607/3.1735	2.172/.0855	24.99/.984	F780	7948 UL
	5	76.187/2.9995 76.200/3.0000	80.586/3.1727 80.607/3.1735	2.172/.0855	31.95/1.258	F780	7949(F) UL
MAINS		<i>Has hole in upper half.</i>					
5M7956P STD, .25, .50	1,2,3,4	80.182/3.1568 80.208/3.1578	84.588/3.3302 84.614/3.3313	2.164/.0852	23.80/.937	F780	7956 UL
	5	86.182/3.3930 86.208/3.3940	90.588/3.5664 90.614/3.5675	2.164/.0852	30.95/1.219	F780	7957(F) UL
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4188		31.990/1.2594 31.996/1.2597	34.895/1.3738 34.920/1.3748		30.70/1.209	F100	4RB4188
PISTON PIN BUSH							
RB4188		31.990/1.2594 31.996/1.2597	34.895/1.3738 34.920/1.3748		30.70/1.209	F100	RB4188

37 Engine				Year	Cyl	Bore x Stroke	37
8140.21.235 2445cc Inline4 SOHC 2v Turbo Diesel				01/1986 - 06/1994	L4	93.0mm x 90.0mm	
8144.67.2500 2499cc Inline4 SOHC 2v Diesel				09/1989 - 12/1994	L4	93.0mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Bearings have no hole.</i>					
4B7941P STD, .25, .50, .75		56.520/2.2252 56.535/2.2258	60.333/2.3753 60.345/2.3758	1.870/.0736	24.70/.972	F780	7941 IH
MAINS		<i>Has slot in upper half.</i>					
5M7946P STD, .25, .50, .75	1,2,3,4	76.187/2.9995 76.200/3.0000	80.586/3.1727 80.607/3.1735	2.172/.0855	24.99/.984	F780	7946 UL
	5	76.187/2.9995 76.200/3.0000	80.586/3.1727 80.607/3.1735	2.172/.0855	31.95/1.258	F780	7947(F) UL



37 Continued ...							37
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M7948P STD, .25	1,2,3,4	MAINS <i>Has hole in upper half.</i>					
		76.187/2.9995	80.586/3.1727	2.172/.0855	24.99/.984	F780	7948 UL
	5	76.200/3.0000	80.607/3.1735	2.172/.0855	31.95/1.258	F780	7949(F) UL
		76.187/2.9995	80.586/3.1727				
4RB4188	PISTON PIN BUSH	<i>Set of 4.</i>					
		31.990/1.2594	34.895/1.3738		30.70/1.209	F100	4RB4188
RB4188	PISTON PIN BUSH	<i>Set of 4.</i>					
		31.996/1.2597	34.920/1.3748				
RB4188	PISTON PIN BUSH	<i>Set of 4.</i>					
		31.990/1.2594	34.895/1.3738		30.70/1.209	F100	RB4188
RB4188	PISTON PIN BUSH	<i>Set of 4.</i>					
		31.996/1.2597	34.920/1.3748				

38 Engine				Year	Cyl	Bore x Stroke	38
8140.23 Series 2800cc Inline4 SOHC 2v Turbo Diesel				01/1996 - On	L4	94.4mm x 100.0mm	
8140.43 Series 2800cc Inline4 SOHC 2v Turbo Diesel				05/1996 - On	L4	94.4mm x 100.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7941P STD, .25, .50, .75	CONROD	<i>Bearings have no hole.</i>					
		56.520/2.2252	60.333/2.3753	1.870/.0736	24.70/.972	F780	7941 IH
5M7956P STD, .25, .50	1,2,3,4	MAINS <i>Has hole in upper half.</i>					
		80.182/3.1568	84.588/3.3302	2.164/.0852	23.80/.937	F780	7956 UL
	5	80.208/3.1578	84.614/3.3313	2.164/.0852	30.95/1.219	F780	7957(F) UL
		86.182/3.3930	90.588/3.5664				
4RB4188	PISTON PIN BUSH	<i>Set of 4.</i>					
		31.990/1.2594	34.895/1.3738		30.70/1.209	F100	4RB4188
4RB4189	PISTON PIN BUSH	<i>Set of 4.</i>					
		31.996/1.2597	34.920/1.3748				
4RB4189	PISTON PIN BUSH	<i>Set of 4.</i>					
		31.990/1.2594	35.750/1.4075		30.40/1.197	F100	4RB4189
RB4188	PISTON PIN BUSH	<i>Set of 4.</i>					
		31.996/1.2597	35.595/1.4014				
RB4188	PISTON PIN BUSH	<i>Set of 4.</i>					
		31.990/1.2594	34.895/1.3738		30.70/1.209	F100	RB4188
RB4188	PISTON PIN BUSH	<i>Set of 4.</i>					
		31.996/1.2597	34.920/1.3748				
RB4189 UNB	PISTON PIN BUSH	<i>Tapered.</i>					
		31.990/1.2594	35.570/1.4004		30.40/1.197	F100	RB4189
RB4189 UNB	PISTON PIN BUSH	<i>Tapered.</i>					
		31.996/1.2597	35.595/1.4014				

39 Engine				Year	Cyl	Bore x Stroke	39
H4M (Nissan) 1598cc Inline4 DOHC 4v				04/2009 - On	L4	78.0mm x 83.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2634A STD, .25, .50, .75, 1.00	CONROD	<i>Both halves are plain.</i>					
			43.000/1.6929	1.510/.0594	15.00/.591	F810	2634A IH
5M2635A STD, .25, .50, .75, 1.00	1,2,3,4,5	MAINS					
		51.997/2.0471	52.020/2.0480	2.005/.0789	16.00/.630	F810	2635A UL
1T2635 STD	4	THRUST					
		73.750/2.9035	74.000/2.9134		1.96/.077	F817	2635T IH

40 Engine				Year	Cyl	Bore x Stroke	40
810 Series 1289cc Inline4 OHV 2v				01/1968 - 12/1989	L4	73.0mm x 77.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7900A STD, .25, .50, .75	CONROD	<i>Both halves are plain.</i>					
		43.965/1.7309	47.615/1.8746	1.806/.0711	17.75/.699	F810	7900A IH
4B7900A STD, .25, .50, .75	CONROD	<i>Both halves are plain.</i>					
		43.980/1.7315	47.625/1.8750				

40 Continued ...							40
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M7904A STD, .25, .50, .75		MAINS <i>Suits 46mm shafts.</i>					
	1,2,4	45.990/1.8106 46.000/1.8110	49.874/1.9635 49.890/1.9642	1.922/.0757	19.50/.768	F810	7904A UL
	3,5	45.990/1.8106 46.000/1.8110	49.874/1.9635 49.980/1.9677	1.922/.0757	24.50/.965	F810	7905A UL
5M7909A STD, .25, .50, .75, 1.00		MAINS <i>To suit engines with 54.80mm shaft.</i>					
	1,2,3,4,5	54.785/2.1569 54.805/2.1577	58.731/2.3122 58.750/2.3130	1.950/.0768	19.50/.768	F810	7909A UL
1T7815 STD, .10		THRUST					
		62.500/2.4606 62.750/2.4705	79.750/3.1398 80.000/3.1496		2.85/.112	F817	7815T IH
1T7904 STD		THRUST					
		50.500/1.9882 50.750/1.9980	67.670/2.6642 67.920/2.6740		2.36/.093	F817	7904T UL
1C7910 STD		CAMS					
				1.720/.0677	19.10/.752	F100	7910

41 Engine				Year	Cyl	Bore x Stroke	41
K4J Series 1390cc Inline 4 DOHC 4v				06/1998 - On	L4	79.5mm x 70.0mm	
K4M Series 1598cc Inline 4 DOHC 4v				03/1998 - On	L4	79.5mm x 80.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7900A STD, .25, .50, .75		CONROD <i>Both halves are plain.</i>					
		43.965/1.7309 43.980/1.7315	47.615/1.8746 47.625/1.8750	1.806/.0711	17.75/.699	F810	7900A IH
4B7906A STD, .25, .50, .75		CONROD <i>Bearings have no notches.</i>					
		43.960/1.7307 43.980/1.7315	47.610/1.8744 47.628/1.8751	1.808/.0712	17.75/.699	F810	7906A IH
5M7864A STD, .25, .50, .75		MAINS <i>Bearings have no notches.</i>					
	1,2,3,4,5	48.000/1.8898 48.011/1.8902	51.935/2.0447 51.943/2.0450	1.950/.0768	19.50/.768	F810	7864A UL
1T7809 STD		THRUST					
		53.500/2.1063 53.750/2.1161	73.750/2.9035 74.000/2.9134		2.85/.112	F817	7809T IH



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
11 K2A 1119cc Inline4 SOHC 2v	03/1990 - 12/1998	L4	1119	68	2
11 K2D 1119cc Inline4 SOHC 2v	03/1990 - 03/2000	L4	1119	68	2
14 K2A 1396cc Inline4 SOHC 2v	03/1990 - 12/1998	L4	1396	85	2
14 K2F 1396cc Inline4 SOHC 2v	11/1995 - 03/2000	L4	1396	85	2
14 K4D 1396cc Inline4 DOHC 4v	03/1990 - 11/1999	L4	1396	85	2
14 K4F 1396cc Inline4 DOHC 4v	08/1991 - 05/2005	L4	1396	85	2
TUD5 1527cc Inline4 SOHC 2v Diesel	12/1994 - 12/1998	L4	1527	93	6
16 K4F 1588cc Inline4 DOHC 4v	05/1995 - 05/2005	L4	1588	96	2
XUD7TE 1769cc Inline4 SOHC 2v Turbo Diesel	09/1991 - 11/1998	L4	1769	107	7
18 K4F 1796cc Inline4 DOHC 4v	08/1999 - 05/2005	L4	1796	109	3
18 K4G 1796cc Inline4 DOHC 4v	05/2003 - 05/2005	L4	1796	109	3
18 K4K 1796cc Inline4 DOHC 4v	11/1995 - 05/2005	L4	1796	109	3
M47 R 1951cc Inline4 DOHC 4v Turbo Diesel	02/1999 - 05/2005	L4	1951	119	4
20 T2N 1994cc SOHC 2v Turbo Diesel	05/1995 - 05/2005	L4	1994	121	1
20 T2R 1994cc SOHC 2v Turbo Diesel	11/1995 - 03/2000	L4	1994	121	1
2286cc Inline4 OHV 2v	01/1959 - 12/1986	L4	2250	137	12
HR 492 2393cc Inline4 OHV 2v Turbo Diesel	05/1982 - 10/1986	L4	2393	146	5
12L 2496cc Inline4 OHV 2v Turbo Diesel	09/1989 - 09/1994	L4	2496	152	10
14L 2496cc Inline4 OHV 2v Turbo Diesel	10/1992 - 04/1996	L4	2496	152	10
19L 2496cc Inline4 OHV 2v Turbo Diesel	10/1993 - 12/1998	L4	2496	152	10
21L 2496cc Inline4 OHV 2v Turbo Diesel	09/1989 - 09/1994	L4	2496	152	10
23L 2496cc Inline4 OHV 2v Turbo Diesel	09/1994 - 12/1998	L4	2496	152	10
2625cc Inline6 OHV 2v	01/1959 - 12/1980	L6	2625	160	13
M57D30 2926cc Inline6 DOHC 4v Turbo Diesel	08/1998 - 02/2005	L6	2926	178	11
2995cc Inline6 OHV 2v	01/1959 - 12/1982	L6	2995	182	13
22D 3528cc V8 OHV 2v	09/1989 - 12/1999	V8	3528	215	8
30A,31A 3528cc V8 OHV 2v	10/1982 - 10/1986	V8	3528	215	8
31D 3528cc V8 OHV 2v	01/1987 - 09/1990	V8	3528	215	8
38A,39A 3528cc V8 OHV 2v	06/1976 - 10/1986	V8	3528	215	8
35D,36D 3947cc V8 OHV 2v	10/1993 - 12/1998	V8	3947	240	8
37D,38D 3947cc V8 OHV 2v	01/1989 - 08/1994	V8	3947	240	8
42D 3947cc V8 OHV 2v	09/1994 - 09/2002	V8	3947	240	9
40D 4275cc V8 OHV 2v	10/1992 - 04/1996	V8	4275	260	9
46D 4553cc V8 OHV 2v	09/1994 - 09/2002	V8	4553	277	9

1	Engine	Year	Cyl	Bore x Stroke	1
	20 T2N 1994cc SOHC 2v Turbo Diesel	05/1995 - 05/2005	L4	84.5mm x 88.9mm	
	20 T2R 1994cc SOHC 2v Turbo Diesel	11/1995 - 03/2000	L4	84.5mm x 88.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Bearing does not have notch. 20.8mm wide.</i>					
4B9950P STD, .25, .50, .75, 1.00		53.990/2.1256 54.010/2.1264	57.683/2.2710 57.696/2.2715	1.825/.0719	20.80/.819	F780	9950 IH
	MAINS						
5M9953A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.990/2.2437 57.010/2.2445	60.703/2.3899 60.719/2.3905	1.835/.0722	22.60/.890	F810	9953A UL
	THRUST						
2T9952 STD		66.970/2.6366 67.220/2.6465	84.250/3.3169 84.500/3.3268		2.80/.110	F817	9952T IH

2	Engine	Year	Cyl	Bore x Stroke	2
	11 K2A 1119cc Inline4 SOHC 2v	03/1990 - 12/1998	L4	75.0mm x 63.0mm	
	11 K2D 1119cc Inline4 SOHC 2v	03/1990 - 03/2000	L4	75.0mm x 63.0mm	
	14 K2A 1396cc Inline4 SOHC 2v	03/1990 - 12/1998	L4	75.0mm x 79.0mm	
	14 K2F 1396cc Inline4 SOHC 2v	11/1995 - 03/2000	L4	75.0mm x 79.0mm	
	14 K4D 1396cc Inline4 DOHC 4v	03/1990 - 11/1999	L4	75.0mm x 79.0mm	
	14 K4F 1396cc Inline4 DOHC 4v	08/1991 - 05/2005	L4	75.0mm x 79.0mm	
	16 K4F 1588cc Inline4 DOHC 4v	05/1995 - 05/2005	L4	80.0mm x 79.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B9920A STD, .25		43.000/1.6929 43.007/1.6932	46.666/1.8372 46.687/1.8381	1.824/.0718	21.61/.851	F810	9920A IH
	MAINS						
5M9922A STD, .25	1,3,5	47.993/1.8895 48.000/1.8898	51.579/2.0307 51.600/2.0315	1.789/.0704	17.45/.687	F810	9922A UL
	2,4	47.993/1.8895 48.000/1.8898	51.579/2.0307 51.600/2.0315	1.789/.0704	17.45/.687	F810	9923A UL
	THRUST						
1T9922 STD		56.800/2.2362 57.050/2.2461	73.300/2.8858 73.550/2.8957		2.40/.095	F817	9922T IH

3	Engine	Year	Cyl	Bore x Stroke	3
	18 K4F 1796cc Inline4 DOHC 4v	08/1999 - 05/2005	L4	80.0mm x 89.3mm	
	18 K4G 1796cc Inline4 DOHC 4v	05/2003 - 05/2005	L4	80.0mm x 89.3mm	
	18 K4K 1796cc Inline4 DOHC 4v	11/1995 - 05/2005	L4	80.0mm x 89.3mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B9921A STD, .25		47.986/1.8892 48.006/1.8900	51.659/2.0338 51.684/2.0348	1.824/.0718	18.30/.721	F810	9921A IH
	MAINS						
5M9922A STD, .25	1,3,5	47.993/1.8895 48.000/1.8898	51.579/2.0307 51.600/2.0315	1.789/.0704	17.45/.687	F810	9922A UL
	2,4	47.993/1.8895 48.000/1.8898	51.579/2.0307 51.600/2.0315	1.789/.0704	17.45/.687	F810	9923A UL
	THRUST						
1T9922 STD		56.800/2.2362 57.050/2.2461	73.300/2.8858 73.550/2.8957		2.40/.095	F817	9922T IH



4 Engine		Year		Cyl	Bore x Stroke		4
M47 R 1951cc Inline4 DOHC 4v Turbo Diesel		02/1999 - 05/2005		L4	84.0mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Upper half only is Race plate</i>							
4B1579D STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				L
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D
		44.991/1.7713	48.016/1.8904				U
CONROD							
4B1579P STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				IH
MAINS <i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>							
5M1532A STD, .25	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A
		59.990/2.3618	65.019/2.5598				IH
	3	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F)
		59.990/2.3618	65.019/2.5598				IH
MAINS <i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>							
5M1532P STD, .25, .50	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F780	1538
		59.990/2.3618	65.019/2.5598				IH
	3	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F780	1539(F)
		59.990/2.3618	65.019/2.5598				IH
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4148 UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	4RB4148
		30.000/1.1811	32.025/1.2608				
PISTON PIN BUSH							
RB4148 UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	RB4148
		30.000/1.1811	32.025/1.2608				

5 Engine		Year		Cyl	Bore x Stroke		5
HR 492 2393cc Inline4 OHV 2v Turbo Diesel		05/1982 - 10/1986		L4	92.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1090P STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090
		53.955/2.1242	57.582/2.2670				IH
THRUST							
1T1093 STD		74.250/2.9232	88.000/3.4646		2.36/.093	F817	1093T
		74.500/2.9331	88.100/3.4685				IH
PISTON PIN BUSH							
RB4154 UNB		29.990/1.1807	34.000/1.3386		30.12/1.186	F100	RB4154
		29.996/1.1809	34.025/1.3396				

6 Engine		Year		Cyl	Bore x Stroke		6
TUD5 1527cc Inline4 SOHC 2v Diesel		12/1994 - 12/1998		L4	77.0mm x 82.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2796A STD, .30, .50, .80		44.975/1.7707	48.655/1.9155	1.820/.0717	17.65/.695	F810	2796A
		44.991/1.7713	48.671/1.9162				IH
MAINS							
5M2797A STD, .30, .50, .80	1,5	49.965/1.9671	53.712/2.1146	1.854/.0730	17.29/.681	F810	2797A
		49.981/1.9678	53.731/2.1154				IH
	2,3,4	49.965/1.9671	53.712/2.1146	1.854/.0730	17.29/.681	F810	2798A
		49.981/1.9678	53.731/2.1154				IH
RACE SERIES							
5M2797H Std, .30, .50	1,5	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2797H
		49.981/1.9678	53.731/2.1154				IH
	2,3,4	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2798H
		49.981/1.9678	53.731/2.1154				IH

6 Continued ... **6**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES							
<i>0.001" extra oil clearance on STD journal.</i>							
5M2797HX STD	1,5	49.962/1.9670	53.712/2.1146	1.841/.0725	17.30/.681	F780	2797HX IH
	2,3,4	49.981/1.9678	53.731/2.1154	1.841/.0725	17.30/.681	F780	2798HX IH
		49.962/1.9670	53.712/2.1146				
		49.981/1.9678	53.731/2.1154				
5M2797P STD, .30, .50, .80	1,5	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2797 IH
	2,3,4	49.981/1.9678	53.731/2.1154	1.854/.0730	17.30/.681	F780	2798 IH
		49.962/1.9670	53.712/2.1146				
		49.981/1.9678	53.731/2.1154				
1T7707 STD, .15	THRUST	55.250/2.1752	73.250/2.8839		2.35/.093	F817	7707T IH
		55.500/2.1850	73.450/2.8917				
1T7709 STD, .10	THRUST	55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T IH
		55.500/2.1850	73.450/2.8917				
RB4199 UNB	PISTON PIN BUSH	23.000/.9055	25.200/.9921		19.90/.784	F100	RB4199
		23.012/.9060	25.221/.9930				

7 Engine **7**

Engine	Year	Cyl	Bore x Stroke
XUD7TE 1769cc Inline4 SOHC 2v Turbo Diesel	09/1991 - 11/1998	L4	80.0mm x 88.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Uses identical halves.</i>							
4B1670P STD, .30, .50, .80		49.984/1.9679	53.695/2.1140	1.830/.0720	20.00/.787	F780	1670 IH
		50.000/1.9685	53.708/2.1145				
5M1677A STD, .30, .50, .80	1,2,3,4,5	59.981/2.3615	63.731/2.5091	1.845/.0726	19.50/.768	F810	1677A UL
		60.000/2.3622	63.750/2.5098				
2T7715 STD	THRUST	67.050/2.6398	83.050/3.2697		1.88/.074	F817	7715T UL
		67.300/2.6496	83.300/3.2795				
RB4201 UNB	PISTON PIN BUSH	28.007/1.1026	30.200/1.1890		23.10/.909		RB4201
		28.020/1.1031	30.221/1.1898				

8 Engine **8**

Engine	Year	Cyl	Bore x Stroke
22D 3528cc V8 OHV 2v	09/1989 - 12/1999	V8	88.9mm x 71.1mm
30A,31A 3528cc V8 OHV 2v	10/1982 - 10/1986	V8	88.9mm x 71.1mm
31D 3528cc V8 OHV 2v	01/1987 - 09/1990	V8	88.9mm x 71.1mm
35D,36D 3947cc V8 OHV 2v	10/1993 - 12/1998	V8	94.0mm x 71.1mm
37D,38D 3947cc V8 OHV 2v	01/1989 - 08/1994	V8	94.0mm x 71.0mm
38A,39A 3528cc V8 OHV 2v	06/1976 - 10/1986	V8	88.9mm x 71.1mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B610A STD, 010, 020, 030, 040	CONROD	50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A IH
		50.813/2.0005	53.980/2.1252				
5M2217A STD, 010	1,2,4,5	<i>Overwidth flanges on undersizes: Std=Std, 010"=Std+010".</i>					
		58.400/2.2992	63.274/2.4911	2.426/.0955	20.50/.807	F820	2217AL UL
		58.412/2.2997	63.287/2.4916	2.426/.0955	26.87/1.058	F820	2218AL(F) UL
		58.400/2.2992	63.274/2.4911				
58.412/2.2997	63.287/2.4916						
5C4326 STD	1	45.339/1.7850	48.654/1.9155	1.633/.0643	19.30/.760	F23	4326
		45.364/1.7860	48.704/1.9175				
		44.577/1.7550	47.892/1.8855	1.633/.0643	19.30/.760	F23	4327
		44.602/1.7560	47.942/1.8875				



8 Continued ...							8
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5C4326 STD	3	43.815/1.7250 43.840/1.7260	47.130/1.8555 47.180/1.8575	1.633/.0643	19.30/.760	F23	4328
	4	43.053/1.6950 43.078/1.6960	46.368/1.8255 46.418/1.8275	1.633/.0643	19.30/.760	F23	4329
	5	42.291/1.6650 42.316/1.6660	45.606/1.7955 45.656/1.7975	1.633/.0643	19.30/.760	F23	4320

9 Engine				Year	Cyl	Bore x Stroke	9
40D 4275cc V8 OHV 2v				10/1992 - 04/1996	V8	94.0mm x 77.0mm	
42D 3947cc V8 OHV 2v				09/1994 - 09/2002	V8	94.0mm x 71.0mm	
46D 4553cc V8 OHV 2v				09/1994 - 09/2002	V8	94.0mm x 82.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

8B9965P STD, .25, .50	CONROD	58.793/2.3147 55.513/2.1855		1.580/.0622	17.60/.693	F780	9965 IH
	MAINS						
5M9966A STD, .25	MAINS	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.080/.0819	20.53/.808	F810	9966A UL
	MAINS	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.080/.0819	26.80/1.055	F810	9967A(F) U

10 Engine				Year	Cyl	Bore x Stroke	10
12L 2496cc Inline4 OHV 2v Turbo Diesel				09/1989 - 09/1994	L4	90.5mm x 97.0mm	
14L 2496cc Inline4 OHV 2v Turbo Diesel				10/1992 - 04/1996	L4	90.5mm x 97.0mm	
19L 2496cc Inline4 OHV 2v Turbo Diesel				10/1993 - 12/1998	L4	90.5mm x 97.0mm	
21L 2496cc Inline4 OHV 2v Turbo Diesel				09/1989 - 09/1994	L4	90.5mm x 97.0mm	
23L 2496cc Inline4 OHV 2v Turbo Diesel				09/1994 - 12/1998	L4	90.5mm x 97.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B2690A STD, 010, 020, 030, 040	CONROD	58.725/2.3120 58.744/2.3128	62.433/2.4580 62.446/2.4585	1.835/.0722	25.06/.987	F810	2690A IH	
	CONROD	58.725/2.3120 58.744/2.3128	62.433/2.4580 62.446/2.4585	1.835/.0722	25.06/.987	F780	2690 IH	
5M2698A STD, 010, 020, 030, 040	MAINS	<i>Half groove version, two 7mm oil holes in upper half.</i>			2.080/.0819	24.40/.961	F810	2699A UL
	MAINS	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.080/.0819	35.00/1.378	F810	2714A UL	
	MAINS	<i>Half groove version, two 7mm oil holes in upper half.</i>			2.080/.0819	24.40/.961	F780	2699 UL
	MAINS	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.080/.0819	35.00/1.378	F780	2714 UL	
1T1542 STD	THRUST	70.740/2.7850 70.990/2.7949	85.600/3.3701 85.850/3.3799		2.36/.093	F250	1542T IH	
	CAMS							
4C3172 STD	1	46.761/1.8410 46.787/1.8420	49.987/1.9680 50.013/1.9690	1.593/.0627	24.59/.968	F23	3172	
	2,3,4	46.761/1.8410 46.787/1.8420	49.987/1.9680 50.013/1.9690	1.593/.0627	19.05/.750	F23	3173	
RB883	PISTON PIN BUSH	25.387/.9995 25.400/1.0000	28.575/1.1250 28.600/1.1260	1.730/.0681	33.27/1.310	F100	RB883	

11 Engine		Year		Cyl	Bore x Stroke	11	
M57D30 2926cc Inline6 DOHC 4v Turbo Diesel		08/1998 - 02/2005		L6	84.0mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Upper half only is Race plate.</i>							
6B1579D STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				L
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D
		44.991/1.7713	48.016/1.8904				U
MAINS <i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>							
7M1532A STD, .25, .50, .75, 1.00	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F)
		59.990/2.3618	65.019/2.5598				UL
RACE SERIES MAINS <i>Half grooved set. Lower half has 2 notches.</i>							
7M1532H STD, .025, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.488/.0980	20.00/.787	F780	1538H
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.488/.0980	24.94/.982	F780	1539H(F)
		59.990/2.3618	65.019/2.5598				UL
RACE SERIES MAINS <i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>							
7M1532HX STD	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.475/.0974	20.00/.787	F780	1538HX
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.475/.0974	24.94/.982	F780	1539HX(F)
		59.990/2.3618	65.019/2.5598				UL
MAINS <i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>							
7M1532P STD, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F780	1538
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F780	1539(F)
		59.990/2.3618	65.019/2.5598				UL
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4148 UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	6RB4148
		30.000/1.1811	32.025/1.2608				
PISTON PIN BUSH							
RB4148 UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	RB4148
		30.000/1.1811	32.025/1.2608				

12 Engine		Year		Cyl	Bore x Stroke	12	
2286cc Inline4 OHV 2v		01/1959 - 12/1986		L4	90.5mm x 88.9mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2691P STD, 010, 020, 030, 040, 050,		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F780	2691
		58.744/2.3128	62.446/2.4585				IH
MAINS <i>Use with 3 main bearing crankshaft.</i>							
3M2692P STD, 010, 020, 030, 040, 050,	1,2	63.487/2.4995	67.704/2.6655	2.098/.0826	25.57/1.007	F780	2692
		63.500/2.5000	67.716/2.6660				IH
	3	63.487/2.4995	67.704/2.6655	2.098/.0826	39.88/1.570	F780	2693
		63.500/2.5000	67.716/2.6660				UL
MAINS <i>Use with 5 main bearing crankshaft. Full groove version, two 4mm oil holes in each half.</i>							
5M2694P STD, 010, 020, 030, 040, 060	1,2,3,4	63.487/2.4995	67.704/2.6655	2.098/.0826	24.56/.967	F780	2694
		63.500/2.5000	67.716/2.6660				IH
	5	63.487/2.4995	67.704/2.6655	2.098/.0826	35.13/1.383	F780	2695
		63.500/2.5000	67.716/2.6660				IH
THRUST							
1T1542 STD		70.740/2.7850	85.600/3.3701		2.36/.093	F250	1542T
		70.990/2.7949	85.850/3.3799				IH
CAMS							
4C3172 STD	1	46.761/1.8410	49.987/1.9680	1.593/.0627	24.59/.968	F23	3172
		46.787/1.8420	50.013/1.9690				



12 Continued ...							12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4C3172 STD	2,3,4	46.761/1.8410 46.787/1.8420	49.987/1.9680 50.013/1.9690	1.593/.0627	19.05/.750	F23	3173
PISTON PIN BUSH							
RB883		25.387/.9995 25.400/1.0000	28.575/1.1250 28.600/1.1260	1.730/.0681	33.27/1.310	F100	RB883

13 Engine		Year	Cyl	Bore x Stroke	13		
2625cc Inline6 OHV 2v		01/1959 - 12/1980	L6	77.8mm x 92.1mm			
2995cc Inline6 OHV 2v		01/1959 - 12/1982	L6	77.8mm x 105.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2881P STD, 010, 020, 030		47.625/1.8750 47.643/1.8757	51.333/2.0210 51.346/2.0215	1.845/.0726	19.18/.755	F780	2881 IH
MAINS <i>From Vehicle Suffix B.</i>							
7M2882P STD, 010, 020	1,2,3,4,5,6,7	66.650/2.6240 66.675/2.6250	70.358/2.7700 70.371/2.7705	1.844/.0726	28.70/1.130	F780	2882 IH
THRUST <i>From vehicle suffix B (2.6L) and from vehicle suffix C (3.0L).</i>							
1T2882 STD		72.140/2.8402 72.390/2.8500	88.770/3.4949 89.020/3.5047		2.36/.093	F1	2882T IH
PISTON PIN BUSH							
RB850 UNB		22.225/.8750 22.225/.8750	25.400/1.0000 25.425/1.0010	1.730/.0681	27.10/1.067	F100	RB850

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
B20 Series 1985cc Inline4 SOHC 2v	10/1972 - 12/1988	L4	1985	121	3
B201 Series 1985cc Inline4 SOHC 2v	04/1972 - 08/1990	L4	1985	121	3
B201S 1985cc Inline4 SOHC 2v Turbo	09/1985 - 08/1990	L4	1985	121	3
B201XL 1985cc Inline4 SOHC 2v Turbo	01/1986 - 12/1988	L4	1985	121	3
B202 Series 1985cc Inline4 DOHC 4v	02/1984 - 12/1998	L4	1985	121	4
B202 Series 1985cc Inline4 DOHC 4v Turbo	08/1984 - 12/1998	L4	1985	121	4
B204 Series 1985cc Inline4 DOHC 4v Turbo	09/1989 - 08/2003	L4	1985	121	4
B204I 1985cc Inline4 DOHC 4v	09/1993 - 09/2002	L4	1985	121	4
B205 Series 1985cc Inline4 DOHC 4v Turbo	09/1994 - 08/2003	L4	1985	121	4
B206 Series 1985cc Inline4 DOHC 4v	07/1993 - 08/1998	L4	1985	121	4
B212I 1985cc Inline4 DOHC 4v	09/1990 - 08/1993	L4	1985	121	4
B207 1998cc Inline4 DOHC 4v Turbo	01/2003 - On	L4	1998	121	2
B234 Series 2290cc Inline4 DOHC 4v	09/1989 - 08/2003	L4	2290	139	4
B234R 2290cc Inline4 DOHC 4v Turbo	09/1990 - 12/1998	L4	2290	139	4
B235E 2290cc Inline4 DOHC 4v Turbo	06/1997 - On	L4	2290	139	5
B235R 2290cc Inline4 DOHC 4v Turbo	05/1999 - On	L4	2290	139	4
LP9 (HFV6) 2792cc V6 DOHC 4v Turbo	01/2005 - On	V6	2792	170	1



1 Engine				Year	Cyl	Bore x Stroke	1
LP9 (HFV6) 2792cc V6 DOHC 4v Turbo				01/2005 - On	V6	89.0mm x 74.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B2270A STD, .25, .50, .75, 1.00		55.992/2.2044	59.620/2.3472	1.801/.0709	18.55/.730	F810	2270A
		56.008/2.2050	59.636/2.3479				IH
RACE SERIES							
6B2270H Std, .025, .25		55.992/2.2044	59.620/2.3472	1.798/.0708	18.55/.730	F781	2270H
		56.008/2.2050	59.636/2.3479				IH
RACE SERIES							
6B2270HX Std		<i>0.001" extra oil clearance on STD journal.</i>		1.785/.0703	18.55/.730	F781	2270HX
		55.992/2.2044	59.620/2.3472				IH
56.008/2.2050	59.636/2.3479						
MAINS							
4M2273A STD, .25, .50, .75, 1.00	1,2,4	67.992/2.6768	72.866/2.8687	2.427/.0956	19.75/.778	F810	2273A
		68.008/2.6775	72.882/2.8694				UL
	3	67.992/2.6768	72.866/2.8687	2.427/.0956	19.75/.778	F810	2273A
		68.008/2.6775	72.882/2.8694				L
	3	67.992/2.6768	72.866/2.8687	2.427/.0956	24.29/.956	F810	2274A(F)
		68.008/2.6775	72.882/2.8694				U
RACE SERIES							
4M2273H Std, .025, .25	1,2,4	67.992/2.6768	72.866/2.8687	2.422/.0954	19.75/.778	F780	2273H
		68.008/2.6775	72.882/2.8694				UL
	3	67.992/2.6768	72.866/2.8687	2.422/.0954	19.75/.778	F780	2273H
		68.008/2.6775	72.882/2.8694				L
	3	67.992/2.6768	72.866/2.8687	2.422/.0954	24.29/.956	F780	2274H(F)
		68.008/2.6775	72.882/2.8694				U
RACE SERIES							
4M2273HX Std	1,2,4	67.992/2.6768	72.866/2.8687	2.409/.0948	19.75/.778	F780	2273HX
		68.008/2.6775	72.882/2.8694				UL
	3	67.992/2.6768	72.866/2.8687	2.409/.0948	19.75/.778	F770	2273HX
		68.008/2.6775	72.882/2.8694				L
	3	67.992/2.6768	72.866/2.8687	2.409/.0948	24.29/.956	F780	2274HX(F)
		68.008/2.6775	72.882/2.8694				U

2 Engine				Year	Cyl	Bore x Stroke	2
B207 1998cc Inline4 DOHC 4v Turbo				01/2003 - On	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2296A STD, .25, .50, .75		49.000/1.9291	52.118/2.0519	1.542/.0607	20.30/.799	F810	2296A
		49.014/1.9297	52.134/2.0525				IH
MAINS							
5M2232A STD, 10, 20	1,3,4,5	55.991/2.2044	64.066/2.5223	4.036/.1589	19.79/.779	F810	7320A
		56.007/2.2050	64.081/2.5229				UL
	2	55.991/2.2044	64.066/2.5223	4.041/.1591	25.88/1.019	F810	7321A(F)
		56.007/2.2050	64.081/2.5229				UL

3 Engine				Year	Cyl	Bore x Stroke	3
B20 Series 1985cc Inline4 SOHC 2v				10/1972 - 12/1988	L4	90.0mm x 78.0mm	
B201 Series 1985cc Inline4 SOHC 2v				04/1972 - 08/1990	L4	90.0mm x 78.0mm	
B201S 1985cc Inline4 SOHC 2v Turbo				09/1985 - 08/1990	L4	90.0mm x 78.0mm	
B201XL 1985cc Inline4 SOHC 2v Turbo				01/1986 - 12/1988	L4	90.0mm x 78.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES							
4B2010H STD, .25		51.981/2.0465	56.000/2.2047	1.988/.0783	20.25/.797	F781	2010H
		52.000/2.0472	56.019/2.2055				IH
CONROD							
4B2010P STD, .25		51.981/2.0465	56.000/2.2047	1.988/.0783	20.25/.797	F780	2010
		52.000/2.0472	56.019/2.2055				IH



3 Continued ... 3

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M2018P STD, .25	MAINS	57.981/2.2827	62.000/2.4409	1.988/.0783	21.50/.847	F780	2018 IH
	1,2,3,4,5	58.000/2.2835	62.019/2.4417				
1T2018 STD	THRUST				2.36/.093	F817	2018T IH
RB4209	PISTON PIN BUSH	23.996/.9447	27.000/1.0630		25.50/1.004	F100	RB4209
		24.000/.9449	27.021/1.0638				

4 Engine Year Cyl Bore x Stroke 4

B202 Series 1985cc Inline4 DOHC 4v	02/1984 - 12/1998	L4	90.0mm x 78.0mm
B202 Series 1985cc Inline4 DOHC 4v Turbo	08/1984 - 12/1998	L4	90.0mm x 78.0mm
B204 Series 1985cc Inline4 DOHC 4v Turbo	09/1989 - 08/2003	L4	90.0mm x 78.0mm
B204I 1985cc Inline4 DOHC 4v	09/1993 - 09/2002	L4	90.0mm x 78.0mm
B205 Series 1985cc Inline4 DOHC 4v Turbo	09/1994 - 08/2003	L4	90.0mm x 78.0mm
B206 Series 1985cc Inline4 DOHC 4v	07/1993 - 08/1998	L4	90.0mm x 78.0mm
B212I 1985cc Inline4 DOHC 4v	09/1990 - 08/1993	L4	93.0mm x 78.0mm
B234 Series 2290cc Inline4 DOHC 4v	09/1989 - 08/2003	L4	90.0mm x 90.0mm
B234R 2290cc Inline4 DOHC 4v Turbo	09/1990 - 12/1998	L4	90.0mm x 90.0mm
B235R 2290cc Inline4 DOHC 4v Turbo	05/1999 - On	L4	90.0mm x 90.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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RACE SERIES 4B2010H STD, .25	CONROD	51.981/2.0465	56.000/2.2047	1.988/.0783	20.25/.797	F781	2010H IH
		52.000/2.0472	56.019/2.2055				
4B2010P STD, .25	CONROD	51.981/2.0465	56.000/2.2047	1.988/.0783	20.25/.797	F780	2010 IH
		52.000/2.0472	56.019/2.2055				
RACE SERIES 5M2015H STD, .25	MAINS	<i>Has 3 oil holes in each half.</i>		1.990/.0783	21.50/.847	F780	2015H IH
	1,2,3,4,5	57.981/2.2827	62.000/2.4409				
5M2015P STD, .25	MAINS	<i>Has 3 oil holes in each half.</i>		1.990/.0783	21.50/.847	F780	2015 IH
	1,2,3,4,5	57.981/2.2827	62.000/2.4409				
1T2015 STD	THRUST				1.86/.073	F817	2015T IH
RB4209	PISTON PIN BUSH	23.996/.9447	27.000/1.0630		25.50/1.004	F100	RB4209
		24.000/.9449	27.021/1.0638				

5 Engine Year Cyl Bore x Stroke 5

B235E 2290cc Inline4 DOHC 4v Turbo	06/1997 - On	L4	90.0mm x 90.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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RACE SERIES 4B2010H STD, .25	CONROD	51.981/2.0465	56.000/2.2047	1.988/.0783	20.25/.797	F781	2010H IH
		52.000/2.0472	56.019/2.2055				
4B2010P STD, .25	CONROD	51.981/2.0465	56.000/2.2047	1.988/.0783	20.25/.797	F780	2010 IH
		52.000/2.0472	56.019/2.2055				
RACE SERIES 5M2015H STD, .25	MAINS	<i>Has 3 oil holes in each half.</i>		1.990/.0783	21.50/.847	F780	2015H IH
	1,2,3,4,5	57.981/2.2827	62.000/2.4409				
5M2015P STD, .25	MAINS	<i>Has 3 oil holes in each half.</i>		1.990/.0783	21.50/.847	F780	2015 IH
	1,2,3,4,5	57.981/2.2827	62.000/2.4409				



5 Continued ...							5	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
1T2015 STD	THRUST				1.86/.073	F817	2015T IH	

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
742.10 1046cc Inline4 OHV 2v	08/1976 - 12/1989	L4	1046	63	2
781 Series 1137cc Inline4 OHV 2v	08/1987 - 12/1994	L4	1137	69	1
742.12/12X 1174cc Inline4 OHV 2v	08/1976 - 12/1989	L4	1174	71	2
781 Series 1289cc Inline4 OHV 2v	10/1990 - 03/1998	L4	1289	78	1



1	Engine	Year	Cyl	Bore x Stroke	1
	781 Series 1137cc Inline4 OHV 2v	08/1987 - 12/1994	L4	75.5mm x 63.5mm	
	781 Series 1289cc Inline4 OHV 2v	10/1990 - 03/1998	L4	75.5mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5570A STD, .25, .50, .75, 1.00	CONROD	44.975/1.7707	48.000/1.8898	1.495/.0589	22.00/.866	F810	5570A IH
		44.991/1.7713	48.011/1.8902				
3M5573A STD, .25, .50, .75, 1.00	MAINS	54.971/2.1642	58.000/2.2835	1.497/.0589	26.00/1.024	F810	5573A UL
		54.990/2.1650	58.016/2.2841				
1T5572 STD	THRUST	65.000/2.5591	74.750/2.9429		1.75/.069	F817	5572T
		65.250/2.5689	75.000/2.9528				

2	Engine	Year	Cyl	Bore x Stroke	2
	742.10 1046cc Inline4 OHV 2v	08/1976 - 12/1989	L4	68.0mm x 72.0mm	
	742.12/12X 1174cc Inline4 OHV 2v	08/1976 - 12/1989	L4	72.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5570A STD, .25, .50, .75, 1.00	CONROD	44.975/1.7707	48.000/1.8898	1.495/.0589	22.00/.866	F810	5570A IH
		44.991/1.7713	48.011/1.8902				
3M5573A STD, .25, .50, .75, 1.00	MAINS	54.971/2.1642	58.000/2.2835	1.497/.0589	26.00/1.024	F810	5573A UL
		54.990/2.1650	58.016/2.2841				
1T5573 STD	THRUST	60.000/2.3622	71.750/2.8248		1.50/.059	F817	5573T
		60.250/2.3720	72.000/2.8346				

Smart



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
M160 599cc Inline3 SOHC 2v Turbo	01/1998 - 01/2007	L3	599	36	1



1	Engine	Year	Cyl	Bore x Stroke	1		
	M160 599cc Inline3 SOHC 2v Turbo	01/1998 - 01/2007	L3	63.5mm x 63.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
3B2600P STD, .25, .50, .75		37.940/1.4937 37.965/1.4947	41.600/1.6378 41.616/1.6384	1.813/.0714	17.00/.669	F780	2600 IH
	MAINS						
4M2605A STD, .25	1,2,3,4	44.950/1.7697 44.965/1.7703	51.000/2.0079 51.019/2.0086	3.030/.1193	16.00/.630	F809	2605A UL
	THRUST						
1T2605 STD		52.500/2.0669 52.750/2.0768	52.750/2.0768 68.500/2.6968		3.20/.126	F817	2605T IH

Ssangyong



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
MB602 2874cc Inline5 SOHC 2v Diesel	01/1996 - 04/2002	L5	2874	175	1



1	Engine	Year	Cyl	Bore x Stroke	1		
	MB602 2874cc Inline5 SOHC 2v Diesel	01/1996 - 04/2002	L5	89.0mm x 92.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
5B2526P STD, .25, .50, .75, 1.00		47.950/1.8878 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.814/.0714	21.80/.858	F780	2526 IH
	MAINS						
6M2873A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.950/2.2815 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.261/.0890	17.50/.689	F810	2873A UL

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
EK21 358cc Inline2 SOHC 2v	02/1973 - 05/1976	L2	358	21	7
EK22 490cc Inline2 SOHC 2v	04/1976 - 07/1977	L2	490	29	7
E23 544cc Inline2 SOHC 2v	09/1982 - 02/1990	L2	544	33	7
EK23 544cc Inline2 SOHC 2v	04/1977 - 03/1990	L2	544	33	7
EK23-T 544cc Inline2 SOHC 2v Turbo	10/1983 - 10/1986	L2	544	33	7
EN07 658cc Inline4 SOHC 2v	07/1990 - 04/2000	L4	658	40	9
E42 665cc Inline2 SOHC 2v	03/1988 - 06/1989	L2	665	40	7
EK42 665cc Inline2 SOHC 2v	09/1982 - 06/1989	L2	665	40	7
EF10 997cc Inline3 SOHC 2v	10/1983 - 12/1987	L3	997	60	3
EA61 1088cc Flat4 OHV 2v	01/1969 - 10/1978	H4	1088	66	16
EA64 1176cc Flat4 OHV 2v	01/1973 - 09/1979	H4	1176	71	11
EF12 1189cc Inline3 SOHC 3v	01/1985 - 12/1992	L3	1189	72	13
EA62 1267cc Flat4 OHV 2v	01/1970 - 10/1972	H4	1267	77	10
EA65 1298cc Flat4 OHV 2v	10/1979 - 10/1989	H4	1298	79	1
EA63S 1361cc Flat4 OHV 2v	01/1970 - 05/1984	H4	1361	83	11
EJ15 1493cc Flat4 SOHC 2v	01/1993 - 12/2006	H4	1493	91	4
EA71 1595cc Flat4 OHV 2v	01/1975 - 12/1987	H4	1595	97	11
EJ16 1597cc Flat4 SOHC 4v	04/1993 - 12/1998	H4	1597	97	4
EA81 1781cc Flat4 OHV 2v	04/1975 - 01/1995	H4	1781	108	2
EA81-T 1781cc Flat4 OHV 2v Turbo	08/1982 - 10/1984	H4	1781	108	2
EA82 1781cc Flat4 SOHC 2v	01/1981 - 12/1994	H4	1781	108	12
EA82-T 1781cc Flat4 SOHC 2v Turbo	07/1985 - 12/1989	H4	1781	108	12
EJ18E 1820cc Flat4 SOHC 4v	01/1993 - 12/1996	H4	1820	111	14
EJ205 1994cc Flat4 DOHC 4v Turbo	12/2000 - 07/2002	H4	1994	121	5
EJ20D 1994cc Flat4 DOHC 4v	01/1989 - On	H4	1994	121	15
EJ20E 1994cc Flat4 SOHC 4v	03/1996 - On	H4	1994	121	15
EJ20G 1994cc Flat4 DOHC 4v Turbo	09/1991 - 09/2005	H4	1994	121	5
EJ20T 1994cc Flat4 DOHC 4v Turbo	01/1989 - 12/1998	H4	1994	121	5
EJ20TT 1994cc Flat4 DOHC 4v Twin Turbo	01/1993 - 12/2003	H4	1994	121	5
FA20 1998cc Flat4 DOHC 4v	07/2012 - On	H4	1998	121	6
EJ22E 2212cc Flat4 SOHC 4v	01/1989 - 03/1999	H4	2212	134	5
EJ22EZ 2212cc Flat4 SOHC 4v	01/1996 - 12/1999	H4	2212	134	5
EJ22G 2212cc Flat4 DOHC 4v Turbo	01/1989 - 12/1994	H4	2212	134	5
EJ22T 2212cc Flat4 SOHC 4v Turbo	01/1989 - 03/1999	H4	2212	134	5
EJ25 2457cc Flat4 SOHC 4v	01/1999 - On	H4	2457	149	5
EJ25D 2457cc Flat4 DOHC 4v	01/1996 - On	H4	2457	149	5
EJ25T 2457cc Flat4 DOHC 4v Turbo	08/2003 - On	H4	2457	149	17
ER27 2672cc Flat6 SOHC 2v	07/1987 - 09/1991	H6	2672	163	8



1 Engine		Year	Cyl	Bore x Stroke	1		
EA65 1298cc Flat4 OHV 2v		10/1979 - 10/1989	H4	83.0mm x 60.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8291A STD, .25, .50, .75		44.988/1.7712	48.000/1.8898	1.485/.0585	13.63/.537	F810	8291A
		45.000/1.7717	48.016/1.8904				IH
MAINS							
3M8293A STD, .25, .50, .75	1,3	49.954/1.9667	54.000/2.1260	2.008/.0791	21.33/.840	F810	8292A
		49.969/1.9673	54.018/2.1267				IH
	2	49.954/1.9667	54.000/2.1260	2.009/.0791	25.96/1.022	F810	8293A(F)
		49.969/1.9673	54.018/2.1267				UL
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4051 UNB		21.000/.8268	22.924/.9025	1.230/.0484	19.40/.764	F100	4RB4051
		21.000/.8268	22.949/.9035				
PISTON PIN BUSH							
RB4051 UNB		21.000/.8268	22.924/.9025	1.230/.0484	19.40/.764	F100	RB4051
		21.000/.8268	22.949/.9035				
2 Engine		Year	Cyl	Bore x Stroke	2		
EA81 1781cc Flat4 OHV 2v		04/1975 - 01/1995	H4	92.0mm x 67.0mm			
EA81-T 1781cc Flat4 OHV 2v Turbo		08/1982 - 10/1984	H4	92.0mm x 67.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8291A STD, .25, .50, .75		44.988/1.7712	48.000/1.8898	1.485/.0585	13.63/.537	F810	8291A
		45.000/1.7717	48.016/1.8904				IH
MAINS <i>Overwidth flanges on undersizes: Std=Std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm.</i>							
3M8294A STD, .25, .50, .75	1,3	54.955/2.1636	59.000/2.3228	2.020/.0795	21.13/.832	F810	8294A
		54.970/2.1642	59.018/2.3235				IH
	2	54.955/2.1636	59.000/2.3228	2.020/.0795	25.96/1.022	F810	8295A(F)
		54.970/2.1642	59.018/2.3235				IH
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4051 UNB		21.000/.8268	22.924/.9025	1.230/.0484	19.40/.764	F100	4RB4051
		21.000/.8268	22.949/.9035				
PISTON PIN BUSH							
RB4051 UNB		21.000/.8268	22.924/.9025	1.230/.0484	19.40/.764	F100	RB4051
		21.000/.8268	22.949/.9035				
3 Engine		Year	Cyl	Bore x Stroke	3		
EF10 997cc Inline3 SOHC 2v		10/1983 - 12/1987	L3	78.0mm x 69.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearings have one oil hole.</i>							
3B8323A STD, .25, .50, .75, 1.00		41.989/1.6531	45.000/1.7717	1.490/.0587	15.13/.596	F810	8323A
		42.000/1.6535	45.016/1.7723				IH
MAINS							
4M8326A STD, .25, .50, .75, 1.00	1,3,4	45.000/1.7717	45.000/1.7717	1.508/.0594	20.13/.793	F810	8326A
		45.024/1.7726	45.024/1.7726				IH
	2	45.000/1.7717	45.000/1.7717	1.508/.0594	24.96/.983	F810	8327A(F)
		45.024/1.7726	45.024/1.7726				IH
4 Engine		Year	Cyl	Bore x Stroke	4		
EJ15 1493cc Flat4 SOHC 2v		01/1993 - 12/2006	H4	85.0mm x 65.8mm			
EJ16 1597cc Flat4 SOHC 4v		04/1993 - 12/1998	H4	87.9mm x 65.8mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Suits 52mm journal only.</i>							
4B8296A STD, .25, .50, .75		51.984/2.0466	55.000/2.1654	1.500/.0591	16.50/.650	F810	8296A
		52.000/2.0472	55.020/2.1661				IH



4		Continued ...						4
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES	CONROD	<i>Suits 52mm journal only.</i>						
4B8296H STD, .025, .25, .50		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F781	8296H IH	
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal. Suits 52mm journal only.</i>						
4B8296HX STD		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.487/.0585	16.50/.650	F781	8296HX IH	
4B8296P STD, .25, .50, .75	CONROD	<i>Suits 52mm journal only.</i>						
		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F780	8296 IH	
4B8320A STD, .25, .50, .75, 1.00	CONROD	<i>Suits 48mm shaft size.</i>						
		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F810	8320A IH	
RACE SERIES	CONROD	<i>Suits 48mm shaft size.</i>						
4B8320H STD, .025, .25, .50		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F781	8320H IH	
RACE SERIES	CONROD	<i>0.001" extra oil clearance on STD journal. Suits 48mm shaft size.</i>						
4B8320HX STD		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.485/.0585	15.63/.615	F781	8320HX IH	
4B8320P STD, .25, .50, .75, 1.00	CONROD	<i>Suits 48mm shaft size.</i>						
		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F780	8320 IH	
5M8297A STD, .25, .50, .75	MAINS	<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	19.00/.748	F810	8297A IH	
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	15.12/.595	F780	8298A IH	
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	21.95/.864	F810	8299A(F) IH	
RACE SERIES	MAINS	<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
5M8297H STD, .025, .25, .50	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	19.00/.748	F780	8297H IH	
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	15.12/.595	F780	8298H IH	
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	21.95/.864	F780	8299H(F) IH	
RACE SERIES	MAINS	<i>For engines with thrust in #3 position. 0.001" extra oil clearance on STD journal.</i>						
5M8297HX STD	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	19.00/.748	F780	8297HX IH	
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	15.12/.595	F780	8298HX IH	
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	21.95/.864	F780	8299HX(F) IH	
5M8297P STD, .25, .50, .75	MAINS	<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	19.00/.748	F780	8297 IH	
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	15.12/.595	F780	8298 IH	
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	21.95/.864	F780	8299(F) IH	
4RB4233 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		1.250/.0492	21.30/.839	F100	4RB4233	
RB4233 UNB	PISTON PIN BUSH	<i>Single piece.</i>		1.250/.0492	21.30/.839	F100	RB4233	



5 Engine		Year	Cyl	Bore x Stroke	5		
EJ205 1994cc Flat4 DOHC 4v Turbo		12/2000 - 07/2002	H4	92.0mm x 75.0mm			
EJ20G 1994cc Flat4 DOHC 4v Turbo		09/1991 - 09/2005	H4	92.0mm x 75.0mm			
EJ20T 1994cc Flat4 DOHC 4v Turbo		01/1989 - 12/1998	H4	92.0mm x 75.0mm			
EJ20TT 1994cc Flat4 DOHC 4v Twin Turbo		01/1993 - 12/2003	H4	92.0mm x 75.0mm			
EJ22E 2212cc Flat4 SOHC 4v		01/1989 - 03/1999	H4	96.9mm x 75.0mm			
EJ22EZ 2212cc Flat4 SOHC 4v		01/1996 - 12/1999	H4	96.9mm x 75.0mm			
EJ22G 2212cc Flat4 DOHC 4v Turbo		01/1989 - 12/1994	H4	96.9mm x 75.0mm			
EJ22T 2212cc Flat4 SOHC 4v Turbo		01/1989 - 03/1999	H4	96.9mm x 75.0mm			
EJ25 2457cc Flat4 SOHC 4v		01/1999 - On	H4	99.5mm x 79.0mm			
EJ25D 2457cc Flat4 DOHC 4v		01/1996 - On	H4	99.5mm x 79.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Suits 52mm journal only.</i>							
4B8296A STD, .25, .50, .75		51.984/2.0466	55.000/2.1654	1.500/.0591	16.50/.650	F810	8296A IH
		52.000/2.0472	55.020/2.1661				
RACE SERIES							
4B8296H STD, .025, .25, .50		51.984/2.0466	55.000/2.1654	1.500/.0591	16.50/.650	F781	8296H IH
		52.000/2.0472	55.020/2.1661				
RACE SERIES							
4B8296HX STD		<i>0.001" extra oil clearance on STD journal. Suits 52mm journal only.</i>		1.487/.0585	16.50/.650	F781	8296HX IH
		51.984/2.0466	55.000/2.1654				
		52.000/2.0472	55.020/2.1661				
CONROD							
<i>Suits 52mm journal only.</i>							
4B8296P STD, .25, .50, .75		51.984/2.0466	55.000/2.1654	1.500/.0591	16.50/.650	F780	8296 IH
		52.000/2.0472	55.020/2.1661				
CONROD							
<i>Suits 48mm shaft size.</i>							
4B8320A STD, .25, .50, .75, 1.00		47.984/1.8891	51.000/2.0079	1.498/.0590	15.63/.615	F810	8320A IH
		48.000/1.8898	51.020/2.0087				
RACE SERIES							
4B8320H STD, .025, .25, .50		47.984/1.8891	51.000/2.0079	1.498/.0590	15.63/.615	F781	8320H IH
		48.000/1.8898	51.020/2.0087				
RACE SERIES							
4B8320HX STD		<i>0.001" extra oil clearance on STD journal. Suits 48mm shaft size.</i>		1.485/.0585	15.63/.615	F781	8320HX IH
		47.984/1.8891	51.000/2.0079				
		48.000/1.8898	51.020/2.0087				
CONROD							
<i>Suits 48mm shaft size.</i>							
4B8320P STD, .25, .50, .75, 1.00		47.984/1.8891	51.000/2.0079	1.498/.0590	15.63/.615	F780	8320 IH
		48.000/1.8898	51.020/2.0087				
MAINS							
5M8297A STD, .25, .50, .75	1,5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F810	8297A IH
		60.000/2.3622	64.020/2.5205				
	2,4	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298A IH
		60.000/2.3622	64.020/2.5205				
	3	59.984/2.3616	64.000/2.5197	2.005/.0789	21.95/.864	F810	8299A(F) IH
		60.000/2.3622	64.020/2.5205				
RACE SERIES							
5M8297H STD, .025, .25, .50	1,5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297H IH
		60.000/2.3622	64.020/2.5205				
	2,4	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298H IH
		60.000/2.3622	64.020/2.5205				
	3	59.984/2.3616	64.000/2.5197	2.005/.0789	21.95/.864	F780	8299H(F) IH
		60.000/2.3622	64.020/2.5205				
RACE SERIES							
5M8297HX STD	1,5	59.984/2.3616	64.000/2.5197	1.992/.0784	19.00/.748	F780	8297HX IH
		60.000/2.3622	64.020/2.5205				
	2,4	59.984/2.3616	64.000/2.5197	1.992/.0784	15.12/.595	F780	8298HX IH
		60.000/2.3622	64.020/2.5205				
	3	59.984/2.3616	64.000/2.5197	1.992/.0784	21.95/.864	F780	8299HX(F) IH
		60.000/2.3622	64.020/2.5205				

5 Continued ...							5
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS		<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
5M8297P STD, .25, .50, .75	1,5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297 IH
		60.000/2.3622	64.020/2.5205				
	2,4	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298 IH
		60.000/2.3622	64.020/2.5205				
	3	59.984/2.3616	64.000/2.5197	2.005/.0789	21.95/.864	F780	8299(F) IH
		60.000/2.3622	64.020/2.5205				
MAINS		<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
5M8309A STD, .25, .50, .75	5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F810	8297A IH
		60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298A IH
	5	60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	2.005/.0789	22.95/.904	F810	8309A(F) IH
		60.000/2.3622	64.000/2.5197				
MAINS		<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
5M8309H STD, .025, .25, .50	5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297H IH
		60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298H IH
	5	60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	2.005/.0789	22.92/.902	F780	8309H(F) IH
		60.000/2.3622	64.020/2.5205				
MAINS		<i>For engines with thrust in #5 position. 0.001" extra oil clearance on STD journal.</i>					
5M8309HX STD	5	59.984/2.3616	64.000/2.5197	1.992/.0784	15.12/.595	F780	8298HX IH
		60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	1.992/.0784	19.00/.748	F780	8297HX IH
	5	60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	1.992/.0784	22.92/.902	F780	8309HX(F) IH
		60.000/2.3622	64.020/2.5205				
MAINS		<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
5M8309P STD, .25, .50, .75	5	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298 IH
		60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297 IH
	5	60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	2.005/.0789	22.92/.902	F780	8309(F) IH
		60.000/2.3622	64.020/2.5205				
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4233 UNB				1.250/.0492	21.30/.839	F100	4RB4233
PISTON PIN BUSH							
RB4125 UNB			24.980/.9835 25.000/.9843	1.330/.0524	21.40/.843	F100	RB4125
PISTON PIN BUSH		<i>Single piece.</i>					
RB4233 UNB				1.250/.0492	21.30/.839	F100	RB4233

6 Engine				Year	Cyl	Bore x Stroke	6
FA20 1998cc Flat4 DOHC 4v				07/2012 - On	H4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>0.001" extra oil clearance on STD journal.</i>					
4B8310H STD, .025, .25		49.976/1.9676	53.000/2.0866	1.504/.0592	15.60/.614	F781	8310H IH
		50.000/1.9685	53.024/2.0876				
4B8310HX STD		49.976/1.9676	53.000/2.0866	1.491/.0587	17.00/.669	F781	8310HX IH
		50.000/1.9685	53.024/2.0876				



6 Continued ...							6
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8310P STD, .25, .50	CONROD	49.976/1.9676 50.000/1.9685	53.000/2.0866 53.024/2.0876	1.504/.0592	15.50/.610	F780	8310 IH
	MAINS					F810 F810 F810	8313A L 8314A(F) U 8312A U

7 Engine				Year	Cyl	Bore x Stroke	7
E23 544cc Inline2 SOHC 2v				09/1982 - 02/1990	L2	76.0mm x 60.0mm	
E42 665cc Inline2 SOHC 2v				03/1988 - 06/1989	L2	78.0mm x 69.6mm	
EK21 358cc Inline2 SOHC 2v				02/1973 - 05/1976	L2	66.0mm x 52.4mm	
EK22 490cc Inline2 SOHC 2v				04/1976 - 07/1977	L2	74.0mm x 57.0mm	
EK23 544cc Inline2 SOHC 2v				04/1977 - 03/1990	L2	76.0mm x 60.0mm	
EK23-T 544cc Inline2 SOHC 2v Turbo				10/1983 - 10/1986	L2	76.0mm x 60.0mm	
EK42 665cc Inline2 SOHC 2v				09/1982 - 06/1989	L2	78.0mm x 70.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2B8316A STD, .25, .50, .75, 1.00	CONROD		41.000/1.6142 41.016/1.6148	1.490/.0587	15.13/.596	F810	8316A IH
	MAINS	1,2 3		1.508/.0594 1.508/.0594	20.13/.793 24.96/.983	F810 F810	8318A UL 8319A(F) UL

8 Engine				Year	Cyl	Bore x Stroke	8
ER27 2672cc Flat6 SOHC 2v				07/1987 - 09/1991	H6	92.0mm x 67.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B8270A STD	CONROD		48.000/1.8898 48.020/1.8905	1.490/.0587	14.63/.576	F810	8270A IH
	MAINS	1,2,4 3		2.019/.0795 2.019/.0795	21.13/.832 25.96/1.022	F810 F810	8271A UL 8272A(F) UL
4M8271A STD	PISTON PIN BUSH		Set of 6. 23.000/.9055	1.040/.0409	19.40/.764	F100	6RB4234
	PISTON PIN BUSH		Single piece. 21.000/.8268	1.040/.0409	19.40/.764	F100	RB4234

9 Engine				Year	Cyl	Bore x Stroke	9
EN07 658cc Inline4 SOHC 2v				07/1990 - 04/2000	L4	56.0mm x 66.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8328A STD, .25, .50, .75, 1.00	CONROD		34.000/1.3386 34.018/1.3393	1.498/.0590	13.50/.532	F810	8328A IH
	CONROD		34.000/1.3386 34.018/1.3393	1.498/.0590	13.50/.532	F780	8328 IH



9 Continued ...							9
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M8329A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5		45.024/1.7726 45.036/1.7731	1.512/.0595	14.10/.555	F810	8329A UL
	THRUST		57.900/2.2795		1.96/.077	F817	8329T UL
2T8329 STD, .25							

10 Engine				Year	Cyl	Bore x Stroke	10
EA62 1267cc Flat4 OHV 2v				01/1970 - 10/1972	H4	82.0mm x 60.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8291A STD, .25, .50, .75	CONROD	44.988/1.7712 45.000/1.7717	48.000/1.8898 48.016/1.8904	1.485/.0585	13.63/.537	F810	8291A IH
	MAINS 1,3	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.008/.0791	21.33/.840	F810	8292A IH
3M8292A STD, .25, .50, .75	2	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.009/.0791	25.96/1.022	F810	8293A(F) UL
	PISTON PIN BUSH Set of 4.	21.000/.8268 21.000/.8268	22.924/.9025 22.949/.9035	1.230/.0484	19.40/.764	F100	4RB4051
4RB4051 UNB							
RB4051 UNB	PISTON PIN BUSH	21.000/.8268 21.000/.8268	22.924/.9025 22.949/.9035	1.230/.0484	19.40/.764	F100	RB4051

11 Engine				Year	Cyl	Bore x Stroke	11
EA63S 1361cc Flat4 OHV 2v				01/1970 - 05/1984	H4	85.0mm x 60.0mm	
EA64 1176cc Flat4 OHV 2v				01/1973 - 09/1979	H4	79.0mm x 60.0mm	
EA71 1595cc Flat4 OHV 2v				01/1975 - 12/1987	H4	92.0mm x 60.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8291A STD, .25, .50, .75	CONROD	44.988/1.7712 45.000/1.7717	48.000/1.8898 48.016/1.8904	1.485/.0585	13.63/.537	F810	8291A IH
	MAINS 1,3	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.008/.0791	21.33/.840	F810	8292A IH
3M8292A STD, .25, .50, .75	2	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.009/.0791	25.96/1.022	F810	8293A(F) UL
	MAINS 1,3	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.008/.0791	21.33/.840	F810	8292A IH
3M8293A STD, .25, .50, .75	2	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.009/.0791	25.96/1.022	F810	8293A(F) UL
	PISTON PIN BUSH Set of 4.	21.000/.8268 21.000/.8268	22.924/.9025 22.949/.9035	1.230/.0484	19.40/.764	F100	4RB4051
4RB4051 UNB							
RB4051 UNB	PISTON PIN BUSH	21.000/.8268 21.000/.8268	22.924/.9025 22.949/.9035	1.230/.0484	19.40/.764	F100	RB4051



12	Engine	Year	Cyl	Bore x Stroke	12
	EA82 1781cc Flat4 SOHC 2v	01/1981 - 12/1994	H4	92.0mm x 67.0mm	
	EA82-T 1781cc Flat4 SOHC 2v Turbo	07/1985 - 12/1989	H4	92.0mm x 67.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8290A STD, .25, .50, .75, 1.00		44.996/1.7715	48.000/1.8898	1.490/.0587	14.60/.575	F810	8290A
		45.010/1.7720	48.016/1.8904				IH
MAINS <i>Overwidth flanges on undersizes: Std=Std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm.</i>							
3M8294A STD, .25, .50, .75	1,3	54.955/2.1636	59.000/2.3228	2.020/.0795	21.13/.832	F810	8294A
		54.970/2.1642	59.018/2.3235				IH
	2	54.955/2.1636	59.000/2.3228	2.020/.0795	25.96/1.022	F810	8295A(F)
		54.970/2.1642	59.018/2.3235				IH
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4051 UNB		21.000/.8268	22.924/.9025	1.230/.0484	19.40/.764	F100	4RB4051
		21.000/.8268	22.949/.9035				
PISTON PIN BUSH							
RB4051 UNB		21.000/.8268	22.924/.9025	1.230/.0484	19.40/.764	F100	RB4051
		21.000/.8268	22.949/.9035				

13	Engine	Year	Cyl	Bore x Stroke	13
	EF12 1189cc Inline3 SOHC 3v	01/1985 - 12/1992	L3	78.0mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Bearings have no oil hole.</i>							
3B8324A STD, .25, .50, .75, 1.00		41.989/1.6531	45.000/1.7717	1.490/.0587	15.13/.596	F810	8324A
		42.000/1.6535	45.016/1.7723				IH
MAINS							
4M8326A STD, .25, .50, .75, 1.00	1,3,4		45.000/1.7717	1.508/.0594	20.13/.793	F810	8326A
			45.024/1.7726				IH
	2		45.000/1.7717	1.508/.0594	24.96/.983	F810	8327A(F)
			45.024/1.7726				IH

14	Engine	Year	Cyl	Bore x Stroke	14
	EJ18E 1820cc Flat4 SOHC 4v	01/1993 - 12/1996	H4	87.9mm x 75.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Suits 52mm journal only.</i>							
4B8296A STD, .25, .50, .75		51.984/2.0466	55.000/2.1654	1.500/.0591	16.50/.650	F810	8296A
		52.000/2.0472	55.020/2.1661				IH
RACE SERIES CONROD <i>Suits 52mm journal only.</i>							
4B8296H STD, .025, .25, .50		51.984/2.0466	55.000/2.1654	1.500/.0591	16.50/.650	F781	8296H
		52.000/2.0472	55.020/2.1661				IH
RACE SERIES CONROD <i>0.001" extra oil clearance on STD journal. Suits 52mm journal only.</i>							
4B8296HX STD		51.984/2.0466	55.000/2.1654	1.487/.0585	16.50/.650	F781	8296HX
		52.000/2.0472	55.020/2.1661				IH
CONROD <i>Suits 52mm journal only.</i>							
4B8296P STD, .25, .50, .75		51.984/2.0466	55.000/2.1654	1.500/.0591	16.50/.650	F780	8296
		52.000/2.0472	55.020/2.1661				IH
CONROD <i>Suits 48mm shaft size.</i>							
4B8320A STD, .25, .50, .75, 1.00		47.984/1.8891	51.000/2.0079	1.498/.0590	15.63/.615	F810	8320A
		48.000/1.8898	51.020/2.0087				IH
RACE SERIES CONROD <i>Suits 48mm shaft size.</i>							
4B8320H STD, .025, .25, .50		47.984/1.8891	51.000/2.0079	1.498/.0590	15.63/.615	F781	8320H
		48.000/1.8898	51.020/2.0087				IH
RACE SERIES CONROD <i>0.001" extra oil clearance on STD journal. Suits 48mm shaft size.</i>							
4B8320HX STD		47.984/1.8891	51.000/2.0079	1.485/.0585	15.63/.615	F781	8320HX
		48.000/1.8898	51.020/2.0087				IH

14		Continued ...						14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD		<i>Suits 48mm shaft size.</i>						
4B8320P STD, .25, .50, .75, 1.00		47.984/1.8891	51.000/2.0079	1.498/.0590	15.63/.615	F780	8320	
		48.000/1.8898	51.020/2.0087				IH	
RACE SERIES		<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
5M8297H STD, .025, .25, .50	1,5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297H	
		60.000/2.3622	64.020/2.5205				IH	
	2,4	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298H	
		60.000/2.3622	64.020/2.5205				IH	
	3	59.984/2.3616	64.000/2.5197	2.005/.0789	21.95/.864	F780	8299H(F)	
		60.000/2.3622	64.020/2.5205				IH	
RACE SERIES		<i>For engines with thrust in #3 position. 0.001" extra oil clearance on STD journal.</i>						
5M8297HX STD	1,5	59.984/2.3616	64.000/2.5197	1.992/.0784	19.00/.748	F780	8297HX	
		60.000/2.3622	64.020/2.5205				IH	
	2,4	59.984/2.3616	64.000/2.5197	1.992/.0784	15.12/.595	F780	8298HX	
		60.000/2.3622	64.020/2.5205				IH	
	3	59.984/2.3616	64.000/2.5197	1.992/.0784	21.95/.864	F780	8299HX(F)	
		60.000/2.3622	64.020/2.5205				IH	
MAINS		<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
5M8297P STD, .25, .50, .75	1,5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297	
		60.000/2.3622	64.020/2.5205				IH	
	2,4	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298	
		60.000/2.3622	64.020/2.5205				IH	
	3	59.984/2.3616	64.000/2.5197	2.005/.0789	21.95/.864	F780	8299(F)	
		60.000/2.3622	64.020/2.5205				IH	
MAINS		<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
5M8309A STD, .25, .50, .75		59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298A	
		60.000/2.3622	64.020/2.5205				IH	
		59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F810	8297A	
		60.000/2.3622	64.020/2.5205				IH	
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	22.95/.904	F810	8309A(F)	
		60.000/2.3622	64.000/2.5197				IH	
RACE SERIES		<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
5M8309H STD, .025, .25, .50		59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297H	
		60.000/2.3622	64.020/2.5205				IH	
		59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298H	
		60.000/2.3622	64.020/2.5205				IH	
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	22.92/.902	F780	8309H(F)	
		60.000/2.3622	64.020/2.5205				IH	
RACE SERIES		<i>For engines with thrust in #5 position. 0.001" extra oil clearance on STD journal.</i>						
5M8309HX STD		59.984/2.3616	64.000/2.5197	1.992/.0784	15.12/.595	F780	8298HX	
		60.000/2.3622	64.020/2.5205				IH	
		59.984/2.3616	64.000/2.5197	1.992/.0784	19.00/.748	F780	8297HX	
		60.000/2.3622	64.020/2.5205				IH	
	5	59.984/2.3616	64.000/2.5197	1.992/.0784	22.92/.902	F780	8309HX(F)	
		60.000/2.3622	64.020/2.5205				IH	
MAINS		<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
5M8309P STD, .25, .50, .75		59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297	
		60.000/2.3622	64.020/2.5205				IH	
		59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298	
		60.000/2.3622	64.020/2.5205				IH	
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	22.92/.902	F780	8309(F)	
		60.000/2.3622	64.020/2.5205				IH	
PISTON PIN BUSH		<i>Set of 4.</i>						
4RB4233 UNB				1.250/.0492	21.30/.839	F100	4RB4233	



14	Continued ...							14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	

PISTON PIN BUSH		<i>Single piece.</i>					
RB4233 UNB				1.250/.0492	21.30/.839	F100	RB4233

15	Engine		Year	Cyl	Bore x Stroke		15
	EJ20D 1994cc Flat4 DOHC 4v		01/1989 - On	H4	92.0mm x 75.0mm		
	EJ20E 1994cc Flat4 SOHC 4v		03/1996 - On	H4	92.0mm x 75.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

	CONROD	<i>Suits 52mm journal only.</i>					
4B8296A STD, .25, .50, .75		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F810	8296A IH
RACE SERIES		<i>Suits 52mm journal only.</i>					
4B8296H STD, .025, .25, .50	CONROD	51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F781	8296H IH
RACE SERIES		<i>0.001" extra oil clearance on STD journal. Suits 52mm journal only.</i>					
4B8296HX STD	CONROD	51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.487/.0585	16.50/.650	F781	8296HX IH
	CONROD	<i>Suits 52mm journal only.</i>					
4B8296P STD, .25, .50, .75		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F780	8296 IH
	CONROD	<i>Suits 48mm shaft size.</i>					
4B8320A STD, .25, .50, .75, 1.00		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F810	8320A IH
RACE SERIES		<i>Suits 48mm shaft size.</i>					
4B8320H STD, .025, .25, .50	CONROD	47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F781	8320H IH
RACE SERIES		<i>0.001" extra oil clearance on STD journal. Suits 48mm shaft size.</i>					
4B8320HX STD	CONROD	47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.485/.0585	15.63/.615	F781	8320HX IH
	CONROD	<i>Suits 48mm shaft size.</i>					
4B8320P STD, .25, .50, .75, 1.00		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F780	8320 IH
	MAINS						
5M8297A STD, .25, .50, .75	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	19.00/.748	F810	8297A IH
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	15.12/.595	F780	8298A IH
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	21.95/.864	F810	8299A(F) IH
RACE SERIES		MAINS		<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>			
5M8297H STD, .025, .25, .50	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	19.00/.748	F780	8297H IH
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	15.12/.595	F780	8298H IH
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	21.95/.864	F780	8299H(F) IH
RACE SERIES		MAINS		<i>For engines with thrust in #3 position. 0.001" extra oil clearance on STD journal.</i>			
5M8297HX STD	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	19.00/.748	F780	8297HX IH
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	15.12/.595	F780	8298HX IH
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	21.95/.864	F780	8299HX(F) IH

15 Continued ...							15
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS		<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
5M8297P STD, .25, .50, .75	1,5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297 IH
		60.000/2.3622	64.020/2.5205				
	2,4	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298 IH
		60.000/2.3622	64.020/2.5205				
	3	59.984/2.3616	64.000/2.5197	2.005/.0789	21.95/.864	F780	8299(F) IH
		60.000/2.3622	64.020/2.5205				
MAINS		<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
5M8309A STD, .25, .50, .75	5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F810	8297A IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298A IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	22.95/.904	F810	8309A(F) IH
		60.000/2.3622	64.000/2.5197				
MAINS		<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
5M8309H STD, .025, .25, .50	5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297H IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298H IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	22.92/.902	F780	8309H(F) IH
		60.000/2.3622	64.020/2.5205				
MAINS		<i>For engines with thrust in #5 position. 0.001" extra oil clearance on STD journal.</i>					
5M8309HX STD	5	59.984/2.3616	64.000/2.5197	1.992/.0784	19.00/.748	F780	8297HX IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	1.992/.0784	15.12/.595	F780	8298HX IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	1.992/.0784	22.92/.902	F780	8309HX(F) IH
		60.000/2.3622	64.020/2.5205				
MAINS		<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
5M8309P STD, .25, .50, .75	5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297 IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298 IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	22.92/.902	F780	8309(F) IH
		60.000/2.3622	64.020/2.5205				
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4233 UNB				1.250/.0492	21.30/.839	F100	4RB4233
PISTON PIN BUSH		<i>Single piece.</i>					
RB4233 UNB				1.250/.0492	21.30/.839	F100	RB4233

16 Engine	Year	Cyl	Bore x Stroke	16			
EA61 1088cc Flat4 OHV 2v	01/1969 - 10/1978	H4	76.0mm x 60.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
4B8291A STD, .25, .50, .75		44.988/1.7712	48.000/1.8898	1.485/.0585	13.63/.537	F810	8291A IH
		45.000/1.7717	48.016/1.8904				
MAINS		<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
3M8292A STD, .25, .50, .75	1,3	49.954/1.9667	54.000/2.1260	2.008/.0791	21.33/.840	F810	8292A IH
		49.969/1.9673	54.018/2.1267				
	2	49.954/1.9667	54.000/2.1260	2.009/.0791	25.96/1.022	F810	8293A(F) UL
		49.969/1.9673	54.018/2.1267				



17 Engine		Year		Cyl	Bore x Stroke	17	
EJ25T 2457cc Flat4 DOHC 4v Turbo		08/2003 - On		H4			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Suits 52mm journal only.</i>							
4B8296A STD, .25, .50, .75		51.984/2.0466	55.000/2.1654	1.500/.0591	16.50/.650	F810	8296A IH
		52.000/2.0472	55.020/2.1661				
RACE SERIES CONROD <i>Suits 52mm journal only.</i>							
4B8296H STD, .025, .25, .50		51.984/2.0466	55.000/2.1654	1.500/.0591	16.50/.650	F781	8296H IH
		52.000/2.0472	55.020/2.1661				
RACE SERIES CONROD <i>0.001" extra oil clearance on STD journal. Suits 52mm journal only.</i>							
4B8296HX STD		51.984/2.0466	55.000/2.1654	1.487/.0585	16.50/.650	F781	8296HX IH
		52.000/2.0472	55.020/2.1661				
CONROD <i>Suits 52mm journal only.</i>							
4B8296P STD, .25, .50, .75		51.984/2.0466	55.000/2.1654	1.500/.0591	16.50/.650	F780	8296 IH
		52.000/2.0472	55.020/2.1661				
CONROD <i>Suits 48mm shaft size.</i>							
4B8320A STD, .25, .50, .75, 1.00		47.984/1.8891	51.000/2.0079	1.498/.0590	15.63/.615	F810	8320A IH
		48.000/1.8898	51.020/2.0087				
RACE SERIES CONROD <i>Suits 48mm shaft size.</i>							
4B8320H STD, .025, .25, .50		47.984/1.8891	51.000/2.0079	1.498/.0590	15.63/.615	F781	8320H IH
		48.000/1.8898	51.020/2.0087				
RACE SERIES CONROD <i>0.001" extra oil clearance on STD journal. Suits 48mm shaft size.</i>							
4B8320HX STD		47.984/1.8891	51.000/2.0079	1.485/.0585	15.63/.615	F781	8320HX IH
		48.000/1.8898	51.020/2.0087				
CONROD <i>Suits 48mm shaft size.</i>							
4B8320P STD, .25, .50, .75, 1.00		47.984/1.8891	51.000/2.0079	1.498/.0590	15.63/.615	F780	8320 IH
		48.000/1.8898	51.020/2.0087				
MAINS							
5M8309A STD, .25, .50, .75		59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F810	8297A IH
		60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298A IH
		60.000/2.3622	64.020/2.5205				
		5	59.984/2.3616	64.000/2.5197	2.005/.0789	22.95/.904	F810
	60.000/2.3622	64.000/2.5197					
RACE SERIES MAINS <i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>							
5M8309H STD, .025, .25, .50		59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297H IH
		60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298H IH
		60.000/2.3622	64.020/2.5205				
		5	59.984/2.3616	64.000/2.5197	2.005/.0789	22.92/.902	F780
	60.000/2.3622	64.020/2.5205					
RACE SERIES MAINS <i>For engines with thrust in #5 position. 0.001" extra oil clearance on STD journal.</i>							
5M8309HX STD		59.984/2.3616	64.000/2.5197	1.992/.0784	19.00/.748	F780	8297HX IH
		60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	1.992/.0784	15.12/.595	F780	8298HX IH
		60.000/2.3622	64.020/2.5205				
		5	59.984/2.3616	64.000/2.5197	1.992/.0784	22.92/.902	F780
	60.000/2.3622	64.020/2.5205					
MAINS <i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>							
5M8309P STD, .25, .50, .75		59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297 IH
		60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298 IH
		60.000/2.3622	64.020/2.5205				
		5	59.984/2.3616	64.000/2.5197	2.005/.0789	22.92/.902	F780
	60.000/2.3622	64.020/2.5205					
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4233 UNB				1.250/.0492	21.30/.839	F100	4RB4233



17		Continued ...						17
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RB4125 UNB	PISTON PIN BUSH		24.980/.9835 25.000/.9843	1.330/.0524	21.40/.843	F100	RB4125	
RB4233 UNB	PISTON PIN BUSH	<i>Single piece.</i>		1.250/.0492	21.30/.839	F100	RB4233	



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
F5A 543cc Inline3 OHV 2v	01/1978 - 10/1991	L3	543	33	14
F5AT 543cc Inline3 OHV 2v Turbo	01/1979 - 12/1989	L3	543	33	10
F5B 543cc Inline3 OHV 2v	07/1988 - On	L3	543	33	5
F6A 657cc Inline3 SOHC 4v	03/1990 - 12/2000	L3	657	40	9
K6A 658cc Inline3 SOHC 2v	01/1994 - On	L3	658	40	4
F8B 796cc Inline3 SOHC 2v	01/1980 - 12/1991	L3	796	48	17
F8A 797cc Inline4 SOHC 2v	11/1977 - 09/1988	L4	797	48	13
F10A 970cc Inline4 OHV 2v	01/1981 - 07/2000	L4	970	59	13
988cc (GSX-R1000) Inline4 DOHC 4 Stroke 4v	01/2001 - 12/2005	L4	988	60	3
G10 993cc Inline3 OHV 2v	01/1984 - 01/1995	L3	993	60	12
G10A 993cc Inline3 SOHC 2v	09/1988 - 12/1996	L3	993	60	12
G10T 993cc Inline3 SOHC 2v Turbo	01/1985 - 12/1988	L3	993	60	12
998.6cc (GSX-R1000) Inline4 DOHC 4 Stroke 4v	01/2005 - 12/2006	L4	998	60	3
999cc (GSX-R1000) Inline4 DOHC 4 Stroke 4v	01/2007 - On	L4	999	60	3
G13B 1298cc Inline 4 DOHC 4v	08/1984 - On	L4	1298	79	16
G13BA 1298cc Inline4 SOHC 2v	10/1981 - 12/2000	L4	1298	79	1
G13BB 1298cc Inline4 SOHC 4v	01/1999 - On	L4	1298	79	1
G13A 1324cc Inline4 SOHC 2v	01/1981 - 07/1999	L4	1324	80	1
M13A 1328cc Inline4 DOHC 4v	10/2000 - On	L4	1328	81	7
M15A 1490cc Inline 4 DOHC 4v	11/2000 - On	L4	1490	90	2
G15A 1493cc Inline4 SOHC 2v	07/1991 - On	L4	1493	91	11
M16A 1586cc Inline4 DOHC 4v	11/2001 - On	L4	1586	96	2
G16A 1590cc Inline4 SOHC 2v	05/1988 - 05/1999	L4	1590	97	11
G16B 1590cc Inline4 SOHC 4v	01/1989 - On	L4	1590	97	11
M18A 1796cc Inline4 DOHC 4v	08/2004 - On	L4	1796	109	2
J18A 1840cc Inline4 DOHC 4v	01/1996 - 12/2001	L4	1800	109	6
J18K 1840cc Inline4 DOHC 4v	01/1996 - 12/2002	L4	1840	112	6
J20A 1995cc Inline4 DOHC 4v	05/1997 - 12/2009	L4	1995	121	6
H20A 1998cc V6 DOHC 4v	02/1993 - 04/1998	V6	1998	121	15
H25A 2495cc V6 DOHC 4v	04/1998 - On	V6	2495	152	8
H27A 2736cc V6 DOHC 4v	07/2001 - On	V6	2736	166	8

1	Engine	Year	Cyl	Bore x Stroke	1
	G13A 1324cc Inline4 SOHC 2v	01/1981 - 07/1999	L4	74.0mm x 77.0mm	
	G13BA 1298cc Inline4 SOHC 2v	10/1981 - 12/2000	L4	74.0mm x 75.5mm	
	G13BB 1298cc Inline4 SOHC 4v	01/1999 - On	L4	74.0mm x 75.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B8336A STD, .25, .50, .75, 1.00		41.982/1.6528 42.000/1.6535	44.998/1.7716 45.018/1.7724	1.490/.0587	18.13/.714	F810	8336A IH
RACE SERIES 4B8336H STD, .25, .50	CONROD	41.982/1.6528 42.000/1.6535	44.998/1.7716 45.018/1.7724	1.490/.0587	18.13/.714	F781	8336H IH
RACE SERIES 4B8336HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.477/.0581	18.13/.714	F781	8336HX IH
4B8336P STD, .25, .50, .75, 1.00	CONROD	41.982/1.6528 42.000/1.6535	44.998/1.7716 45.018/1.7724	1.490/.0587	18.13/.714	F780	8336 IH
	MAINS						
5M8337A STD, .25, .50, .75, 1.00	1,2,3,4,5	44.982/1.7709 44.994/1.7714	48.998/1.9291 49.018/1.9298	2.000/.0787	18.13/.714	F810	8337A UL
RACE SERIES 5M8337H STD, .25, .50	MAINS 1,2,3,4,5	44.982/1.7709 44.994/1.7714	48.998/1.9291 49.018/1.9298	2.000/.0787	18.13/.714	F780	8337H UL
RACE SERIES 5M8337HX STD	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.987/.0782	18.00/.709	F780	8337HX UL
1T8337 STD	THRUST	52.000/2.0472 52.250/2.0571	67.700/2.6653 67.900/2.6732		2.52/.099	F250	8337T IH

2	Engine	Year	Cyl	Bore x Stroke	2
	M15A 1490cc Inline 4 DOHC 4v	11/2000 - On	L4	78.0mm x 78.0mm	
	M16A 1586cc Inline4 DOHC 4v	11/2001 - On	L4	78.0mm x 83.0mm	
	M18A 1796cc Inline4 DOHC 4v	08/2004 - On	L4	83.0mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B8440A STD, .25		41.982/1.6528 42.000/1.6535	45.000/1.7717 45.018/1.7724	1.490/.0587	18.13/.714	F810	8440A IH
RACE SERIES 4B8440H STD, .025, .25	CONROD	41.982/1.6528 42.000/1.6535	45.000/1.7717 45.018/1.7724	1.490/.0587	18.13/.714	F781	8440H IH
RACE SERIES 4B8440HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.477/.0581	18.13/.714	F781	8440HX IH
5M8443A STD, .25	MAINS 1,2,3,4,5	51.982/2.0465 52.000/2.0472	56.000/2.2047 56.018/2.2054	2.000/.0787	18.10/.713	F810	8443A UL
RACE SERIES 5M8443H STD, .025, .25	MAINS 1,2,3,4,5	51.982/2.0465 52.000/2.0472	56.000/2.2047 56.018/2.2054	2.000/.0787	18.10/.713	F780	8443H UL
RACE SERIES 5M8443HX STD	MAINS 1,2,3,4,5	51.982/2.0465 52.000/2.0472	56.000/2.2047 56.018/2.2054	1.987/.0782	18.10/.713	F780	8443HX UL
1T8443 STD	THRUST		75.000/2.9528		2.52/.099	F817	8443T UL
2C8446A STD	CAMS			1.518/.0598	27.50/1.083	F820	8446A



2 Continued ...								2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
2C8446A STD				1.518/.0598	27.50/1.083	F820	8447A	
3 Engine				Year	Cyl	Bore x Stroke	3	
988cc (GSX-R1000) Inline4 DOHC 4 Stroke 4v				01/2001 - 12/2005	L4	73.0mm x 59.0mm		
998.6cc (GSX-R1000) Inline4 DOHC 4 Stroke 4v				01/2005 - 12/2006	L4	73.4mm x 59.0mm		
999cc (GSX-R1000) Inline4 DOHC 4 Stroke 4v				01/2007 - On	L4	74.5mm x 57.3mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES 4B8430H Std, .025, .25	CONROD	34.976/1.3770 35.000/1.3780	38.000/1.4961 38.016/1.4967	1.488/.0586	15.00/.591	F781	8430H IH	
RACE SERIES 4B8430HX Std	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.475/.0581	15.00/.591	F781	8430HX IH	
4 Engine				Year	Cyl	Bore x Stroke	4	
K6A 658cc Inline3 SOHC 2v				01/1994 - On	L3	68.0mm x 60.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B8244A STD, .25	CONROD	37.980/1.4953 38.000/1.4961	41.000/1.6142 41.020/1.6150	1.491/.0587	16.10/.634	F810	8244A IH	
4M8245A STD, .25	MAINS 1,2,3,4	44.980/1.7709 45.000/1.7717	49.000/1.9291 49.020/1.9299	2.003/.0789	18.10/.713	F810	8245A UL	
1T8337 STD	THRUST	52.000/2.0472 52.250/2.0571	67.700/2.6653 67.900/2.6732		2.52/.099	F250	8337T IH	
5 Engine				Year	Cyl	Bore x Stroke	5	
F5B 543cc Inline3 OHV 2v				07/1988 - On	L3	62.0mm x 60.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
3B8540A STD, .25, .50, .75, 1.00	CONROD	35.980/1.4165 36.000/1.4173	39.000/1.5354 39.020/1.5362	1.490/.0587	16.10/.634	F810	8540A IH	
4M8355A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4	39.980/1.5740 40.000/1.5748	44.000/1.7323 44.020/1.7331	1.990/.0783	17.00/.669	F810	8355A IH	
1T8355 STD	THRUST 3	47.000/1.8504 47.250/1.8602	63.000/2.4803 63.250/2.4902		2.52/.099	F817	8355T	
6 Engine				Year	Cyl	Bore x Stroke	6	
J18A 1840cc Inline4 DOHC 4v				01/1996 - 12/2001	L4	84.0mm x 83.0mm		
J18K 1840cc Inline4 DOHC 4v				01/1996 - 12/2002	L4	84.0mm x 83.0mm		
J20A 1995cc Inline4 DOHC 4v				05/1997 - 12/2009	L4	84.0mm x 95.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B8306A STD, .25, .50, .75, 1.00	CONROD	49.982/1.9678 50.000/1.9685	53.000/2.0866 53.018/2.0873	1.490/.0587	16.13/.635	F810	8306A IH	
5M8307A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	57.982/2.2828 58.000/2.2835	62.000/2.4409 62.018/2.4416	2.003/.0789	19.12/.753	F810	8307A UL	
1T8307 STD	THRUST	71.250/2.8051 71.500/2.8150	84.550/3.3287 84.800/3.3386		2.50/.098	F817	8307T IH	

7 Engine				Year	Cyl	Bore x Stroke	7		
M13A 132cc Inline4 DOHC 4v				10/2000 - On	L4	78.0mm x 69.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
CONROD									
4B8441A STD, .25			45.000/1.7717 45.020/1.7724	1.493/.0588	16.00/.630	F810	8441A IH		
MAINS									
5M8444A STD, .25	1,2,3,4,5			2.000/.0787	18.00/.709	F810	8444A UL		
THRUST									
1T8443 STD			75.000/2.9528		2.52/.099	F817	8443T UL		
CAMS									
2C8446A STD				1.518/.0598	27.50/1.083	F820	8447A		
				1.518/.0598	27.50/1.083	F820	8446A		
8 Engine				Year	Cyl	Bore x Stroke	8		
H25A 2495cc V6 DOHC 4v				04/1998 - On	V6	84.0mm x 75.0mm			
H27A 2736cc V6 DOHC 4v				07/2001 - On	V6	88.0mm x 75.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
CONROD									
6B8306A STD, .25, .50, .75, 1.00		49.982/1.9678 50.000/1.9685	53.000/2.0866 53.018/2.0873	1.490/.0587	16.13/.635	F810	8306A IH		
MAINS									
4M8545A STD, .25, .50, .75, 1.00	1,2,3,4	64.980/2.5583 65.000/2.5591	70.000/2.7559 70.020/2.7567	2.496/.0983	19.10/.752	F810	8545A UL		
THRUST									
1T8307 STD		71.250/2.8051 71.500/2.8150	84.550/3.3287 84.800/3.3386		2.50/.098	F817	8307T IH		
9 Engine				Year	Cyl	Bore x Stroke	9		
F6A 657cc Inline3 SOHC 4v				03/1990 - 12/2000	L3	65.0mm x 66.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
CONROD									
3B8540A STD, .25, .50, .75, 1.00		35.980/1.4165 36.000/1.4173	39.000/1.5354 39.020/1.5362	1.490/.0587	16.10/.634	F810	8540A IH		
MAINS									
4M8542A STD, .25, .50, .75, 1.00	1,2,3,4	43.980/1.7315 44.000/1.7323	48.000/1.8898 48.020/1.8905	1.991/.0784	17.10/.673	F810	8542A IH		
THRUST									
1T8337 STD		52.000/2.0472 52.250/2.0571	67.700/2.6653 67.900/2.6732		2.52/.099	F250	8337T IH		
10 Engine				Year	Cyl	Bore x Stroke	10		
F5AT 543cc Inline3 OHV 2v Turbo				01/1979 - 12/1989	L3	62.0mm x 60.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
CONROD									
3B1266A STD, .25, .50, .75, 1.00		= 3B8341A		37.982/1.4954 38.000/1.4961	40.998/1.6141 41.017/1.6148	1.490/.0587	18.00/.709	F810	1266A IH
MAINS									
4M8355A STD, .25, .50, .75, 1.00	1,2,3,4	39.980/1.5740 40.000/1.5748	44.000/1.7323 44.020/1.7331	1.990/.0783	17.00/.669	F810	8355A IH		
THRUST									
1T8355 STD	3	47.000/1.8504 47.250/1.8602	63.000/2.4803 63.250/2.4902		2.52/.099	F817	8355T		



10 Continued ...								10
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
PISTON PIN BUSH <i>Set of 3.</i>								
3RB4075 UNB		15.970/.6287	18.000/.7087	1.200/.0472	21.50/.847	F100	3RB4075	
		15.970/.6287	18.020/.7094					
PISTON PIN BUSH <i>Single piece. Bush has 3 holes.</i>								
RB4075 UNB		15.970/.6287	18.000/.7087	1.200/.0472	21.75/.856	F100	RB4075	
		15.970/.6287	18.020/.7094					
11 Engine				Year	Cyl	Bore x Stroke	11	
G15A 1493cc Inline4 SOHC 2v				07/1991 - On	L4	75.0mm x 84.5mm		
G16A 1590cc Inline4 SOHC 2v				05/1988 - 05/1999	L4	75.0mm x 90.0mm		
G16B 1590cc Inline4 SOHC 4v				01/1989 - On	L4	75.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B8340A STD, .25, .50, .75, 1.00, 1.25		43.980/1.7315	47.000/1.8504	1.495/.0589	18.10/.713	F810	8340A IH	
		44.000/1.7323	47.020/1.8512					
MAINS								
5M8339A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	51.982/2.0465	56.000/2.2047	2.005/.0789	18.10/.713	F810	8339A UL	
		52.000/2.0472	56.018/2.2054					
THRUST								
1T8339 STD		59.436/2.3400	74.498/2.9330		2.52/.099	F817	8339T U	
		59.690/2.3500	74.752/2.9430					
12 Engine				Year	Cyl	Bore x Stroke	12	
G10 993cc Inline3 OHV 2v				01/1984 - 01/1995	L3	74.0mm x 77.0mm		
G10A 993cc Inline3 SOHC 2v				09/1988 - 12/1996	L3	74.0mm x 77.0mm		
G10T 993cc Inline3 SOHC 2v Turbo				01/1985 - 12/1988	L3	74.0mm x 77.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
3B8336A STD, .25, .50, .75, 1.00		41.982/1.6528	44.998/1.7716	1.490/.0587	18.13/.714	F810	8336A IH	
		42.000/1.6535	45.018/1.7724					
CONROD								
3B8336P STD, .25, .50, .75, 1.00		41.982/1.6528	44.998/1.7716	1.490/.0587	18.13/.714	F780	8336 IH	
		42.000/1.6535	45.018/1.7724					
MAINS								
4M8337A STD, .25, .50, .75, 1.00	1,2,3,4	44.982/1.7709	48.998/1.9291	2.000/.0787	18.13/.714	F810	8337A UL	
		44.994/1.7714	49.018/1.9298					
THRUST								
1T8337 STD		52.000/2.0472	67.700/2.6653		2.52/.099	F250	8337T IH	
		52.250/2.0571	67.900/2.6732					
13 Engine				Year	Cyl	Bore x Stroke	13	
F10A 970cc Inline4 OHV 2v				01/1981 - 07/2000	L4	65.5mm x 72.0mm		
F8A 797cc Inline4 SOHC 2v				11/1977 - 09/1988	L4	62.0mm x 66.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD = 4B8341A								
4B1266A STD, .25, .50, .75, 1.00		37.982/1.4954	40.998/1.6141	1.490/.0587	18.00/.709	F810	1266A IH	
		38.000/1.4961	41.017/1.6148					
MAINS								
5M8342A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	49.985/1.9679	53.988/2.1255	1.986/.0782	20.00/.787	F810	8342A IH	
		50.000/1.9685	54.008/2.1263					
THRUST								
1T8342 STD		57.000/2.2441	72.380/2.8496		2.52/.099	F250	8342T U	
		57.250/2.2539	72.630/2.8594					
PISTON PIN BUSH <i>Set of 4. Has 3 holes.</i>								
4RB4075 UNB		15.970/.6287	18.000/.7087	1.200/.0472	21.75/.856	F100	4RB4075	
		15.970/.6287	18.020/.7094					

13 Continued ...							13
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

PISTON PIN BUSH		<i>Single piece. Bush has 3 holes.</i>					
RB4075 UNB		15.970/.6287	18.000/.7087	1.200/.0472	21.75/.856	F100	RB4075
		15.970/.6287	18.020/.7094				

14 Engine		Year		Cyl	Bore x Stroke	14
F5A 543cc Inline3 OHV 2v		01/1978 - 10/1991		L3	62.0mm x 60.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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3B8358A STD, .25, .50, .75	CONROD	31.980/1.2591	35.000/1.3780	1.490/.0587	16.10/.634	F810	8358A
		32.000/1.2598	35.020/1.3787				IH

4M8355A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4	39.980/1.5740	44.000/1.7323	1.990/.0783	17.00/.669	F810	8355A
		40.000/1.5748	44.020/1.7331				IH

1T8355 STD	THRUST 3	47.000/1.8504	63.000/2.4803		2.52/.099	F817	8355T
		47.250/1.8602	63.250/2.4902				

PISTON PIN BUSH		<i>Set of 3.</i>					
3RB4075 UNB		15.970/.6287	18.000/.7087	1.200/.0472	21.50/.847	F100	3RB4075
		15.970/.6287	18.020/.7094				

PISTON PIN BUSH		<i>Single piece. Bush has 3 holes.</i>					
RB4075 UNB		15.970/.6287	18.000/.7087	1.200/.0472	21.75/.856	F100	RB4075
		15.970/.6287	18.020/.7094				

15 Engine		Year		Cyl	Bore x Stroke	15
H20A 1998cc V6 DOHC 4v		02/1993 - 04/1998		V6	78.0mm x 69.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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6B8306A STD, .25, .50, .75, 1.00	CONROD	49.982/1.9678	53.000/2.0866	1.490/.0587	16.13/.635	F810	8306A
		50.000/1.9685	53.018/2.0873				IH

4M8307A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4	57.982/2.2828	62.000/2.4409	2.003/.0789	19.12/.753	F810	8307A
		58.000/2.2835	62.018/2.4416				UL

1T8307 STD	THRUST	71.250/2.8051	84.550/3.3287		2.50/.098	F817	8307T
		71.500/2.8150	84.800/3.3386				IH

16 Engine		Year		Cyl	Bore x Stroke	16
G13B 1298cc Inline 4 DOHC 4v		08/1984 - On		L4	74.0mm x 75.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B8544A STD, .25, .50, .75, 1.00	CONROD			1.490/.0587	18.10/.713	F810	8544A
							IH

5M8337A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	44.982/1.7709	48.998/1.9291	2.000/.0787	18.13/.714	F810	8337A
		44.994/1.7714	49.018/1.9298				UL

RACE SERIES 5M8337H STD, .25, .50	MAINS 1,2,3,4,5	44.982/1.7709	48.998/1.9291	2.000/.0787	18.13/.714	F780	8337H
		44.994/1.7714	49.018/1.9298				UL

RACE SERIES 5M8337HX STD	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>					
		44.982/1.7709	48.998/1.9291	1.987/.0782	18.00/.709	F780	8337HX
		44.994/1.7714	49.018/1.9298				UL

1T8337 STD	THRUST	52.000/2.0472	67.700/2.6653		2.52/.099	F250	8337T
		52.250/2.0571	67.900/2.6732				IH



17	Engine	Year	Cyl	Bore x Stroke	17		
	F8B 796cc Inline3 SOHC 2v	01/1980 - 12/1991	L3	68.5mm x 72.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	= 3B8341A					
3B1266A STD, .25, .50, .75, 1.00		37.982/1.4954 38.000/1.4961	40.998/1.6141 41.017/1.6148	1.490/.0587	18.00/.709	F810	1266A IH
	MAINS						
4M8338A STD, .25, .50, .75	1,2,3,4	49.985/1.9679 50.000/1.9685	54.000/2.1260 54.018/2.1267	1.991/.0784	17.10/.673	F810	8338A IH
	THRUST						
1T8342 STD		57.000/2.2441 57.250/2.2539	72.380/2.8496 72.630/2.8594		2.52/.099	F250	8342T U
	PISTON PIN BUSH	Set of 3.					
3RB4075 UNB		15.970/.6287 15.970/.6287	18.000/.7087 18.020/.7094	1.200/.0472	21.50/.847	F100	3RB4075
	PISTON PIN BUSH	Single piece. Bush has 3 holes.					
RB4075 UNB		15.970/.6287 15.970/.6287	18.000/.7087 18.020/.7094	1.200/.0472	21.75/.856	F100	RB4075

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
2K 993cc Inline4 OHV 2v	04/1969 - 09/1986	L4	993	60	71
1KR-FE 996cc Inline3 DOHC 4v	07/2005 - On	L4	996	60	38
1SZ-FE 998cc Inline4 DOHC 4v	10/1998 - 07/2005	L4	998	60	40
1E 999cc Inline4 SOHC 3v	10/1984 - 12/1994	L4	999	60	74
K 1077cc Inline4 SOHC 2v	01/1966 - 12/1978	L4	1077	65	79
3K 1166cc Inline4 OHV 2v	01/1966 - 12/1988	L4	1166	71	71
4K 1290cc Inline4 OHV 2v	02/1978 - 08/1990	L4	1290	78	71
4K-C 1290cc Inline4 OHV 2v	01/1981 - 08/1982	L4	1290	78	79
4K-E 1290cc Inline4 OHV 2v	01/1983 - 12/1984	L4	1290	78	14
2E 1295cc Inline4 SOHC 3v	10/1984 - 12/1998	L4	1295	79	74
2SZ-FE 1297cc Inline4 DOHC 4v	01/2002 - On	L4	1297	79	47
2A 1298cc Inline4 SOHC 2v	01/1977 - 12/1988	L4	1298	79	78
2A-LC 1298cc Inline4 SOHC 2v	01/1985 - 12/1989	L4	1298	79	2
2NZ-FE 1299cc Inline4 DOHC 4v	09/1999 - On	L4	1299	79	57
4E-FE 1332cc Inline4 DOHC 4v	01/1991 - 12/1999	L4	1332	81	74
3P 1345cc Inline4 2v	05/1967 - 08/1981	L4	1345	82	46
1ND-TV 1364cc Inline4 SOHC 2v Turbo Diesel	01/2002 - On	L4	1364	83	34
6A-FC 1397cc Inline4 DOHC 4v	01/1989 - 12/1992	L4	1397	85	2
4ZZ-FE 1398cc Inline4 DOHC 4v	01/2003 - On	L4	1398	85	60
T 1407cc Inline4 OHV 2v	01/1970 - 12/1979	L4	1407	85	15
1A 1452cc Inline4 SOHC 2v	01/1978 - 12/1979	L4	1452	88	91
3A 1452cc Inline4 SOHC 2v	01/1979 - 12/1989	L4	1452	88	78
3A-C 1452cc Inline4 SOHC 2v	01/1979 - 12/1988	L4	1452	88	78
3A-U 1452cc Inline4 SOHC 2v	01/1979 - 12/1990	L4	1452	88	78
1A-C 1453cc Inline4 SOHC 2v	01/1978 - 12/1979	L4	1453	88	91
1A-U 1453cc Inline4 SOHC 2v	01/1978 - 12/1979	L4	1453	88	91
1N 1453cc Inline4 SOHC 2v Diesel	12/1986 - 07/1999	L4	1453	88	45
1N-T 1453cc Inline4 SOHC 2v Turbo Diesel	05/1988 - 07/1999	L4	1453	88	45
3E 1456cc Inline4 SOHC 3v	05/1986 - 12/1994	L4	1456	88	13
3E-E 1456cc Inline4 SOHC 3v	05/1986 - 12/1994	L4	1456	88	13
3E-TE 1456cc Inline4 SOHC 3v Turbo	01/1987 - 12/1994	L4	1456	88	13
5K 1486cc Inline4 OHV 2v	01/1983 - 03/1992	L4	1486	90	14
2R 1490cc Inline4 OHV 2v	01/1964 - 12/1971	L4	1490	90	81
4P 1493cc Inline4 2v	09/1971 - 08/1988	L4	1493	91	46
2NR-FE 1495cc Inline4 DOHC 4v	10/2010 - On	L4	1495	91	35
3SZ-VE 1495cc Inline4 DOHC 4v	11/2005 - On	L4	1495	91	36
5E-FE 1496cc Inline4 DOHC 4v	01/1991 - 12/1999	L4	1496	91	13
1NZ-FE 1497cc Inline4 DOHC 4v	09/1999 - On	L4	1497	91	57
1NZ-FXE 1497cc Inline4 DOHC 4v	10/2001 - On	L4	1497	91	57
5A-F 1498cc Inline4 DOHC 4v	01/1987 - 12/1990	L4	1498	91	2
5A-FE 1498cc Inline4 DOHC 4v	05/1987 - 12/2006	L4	1498	91	2
12R 1587cc Inline4 OHV 2v	09/1968 - 10/1988	L4	1587	96	81
4A-C 1587cc Inline4 SOHC 2v	01/1982 - 12/1989	L4	1587	96	78
4A-F 1587cc Inline4 DOHC 4v	09/1986 - 01/1996	L4	1587	96	2
4A-FE 1587cc Inline4 DOHC 4v	04/1988 - 11/1999	L4	1587	96	2
4A-GE (20v) 1587cc Inline4 DOHC 5v	01/1991 - 12/1995	L4	1587	96	32
4A-GE 1587cc Inline4 DOHC 4v	01/1985 - 08/1994	L4	1587	96	32
4A-GEC 1587cc Inline4 DOHC 4v	01/1985 - 12/1987	L4	1587	96	1
4A-GELC 1587cc Inline4 DOHC 4v	01/1985 - 12/1992	L4	1587	96	1
4A-GZE 1587cc Inline4 DOHC 4v Supercharged	05/1987 - 01/1989	L4	1587	96	32
4A-LC 1587cc Inline4 SOHC 2v	01/1985 - 05/1989	L4	1587	96	2
4R 1587cc Inline4 OHV 2v	01/1965 - 12/1968	L4	1587	96	81
12T 1588cc Inline4 OHV 2v	01/1976 - 12/1984	L4	1588	96	8
2T 1588cc Inline4 OHV 2v	01/1970 - 07/1980	L4	1588	96	15
2T-G 1588cc Inline4 DOHC 2v	01/1970 - 12/1985	L4	1588	96	16
2T-GEU 1588cc Inline4 DOHC 2v	01/1975 - 12/1981	L4	1588	96	103
7R 1591cc Inline4 OHV 2v	01/1968 - 12/1971	L4	1591	97	56
1ZR-FE 1598cc Inline4 DOHC 4v	01/2007 - On	L4	1598	97	26



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
3ZZ-FE 1598cc Inline4 DOHC 4v	01/2003 - On	L4	1598	97	60
1Y 1626cc Inline4 OHV 2v	11/1983 - 09/1989	L4	1626	99	77
6R 1707cc Inline4 OHV 2v	01/1968 - 12/1981	L4	1707	104	56
6R-B 1707cc Inline4 OHV 2v	01/1968 - 12/1981	L4	1707	104	56
7A-FE 1762cc Inline4 DOHC 4v	06/1992 - 12/2001	L4	1762	107	124
7K 1762cc Inline4 OHV 2v	01/1983 - 12/1998	L4	1762	107	29
7K-E 1762cc Inline4 OHV 2v	01/1997 - On	L4	1762	107	29
13T 1770cc Inline4 OHV 2v	11/1977 - 08/1985	L4	1770	108	8
3T 1770cc Inline4 OHV 2v	01/1979 - 12/1983	L4	1770	108	8
3T-C 1770cc Inline4 OHV 2v	01/1979 - 10/1983	L4	1770	108	8
3T-G 1770cc Inline4 DOHC 2v	01/1982 - 12/1985	L4	1770	108	18
3T-GTE 1770cc Inline4 DOHC 2v Turbo	09/1982 - 08/1985	L4	1770	108	19
1ZZ-FE 1794cc Inline4 DOHC 4v	01/1997 - 12/2007	L4	1794	109	58
2ZZ-GE 1796cc Inline4 DOHC 4v	11/1999 - 12/2010	L4	1796	109	59
2ZR-FE 1797cc Inline4 DOHC 4v	01/2007 - On	L4	1797	109	26
2ZR-FXE 1797cc Inline4 DOHC 4v	07/2009 - On	L4	1797	109	26
16R 1808cc Inline4 OHV 2v	08/1973 - 11/1982	L4	1808	110	90
2Y 1812cc Inline4 OHV 2v	01/1983 - On	L4	1812	110	77
1S 1832cc Inline4 SOHC 2v	01/1981 - 09/1989	L4	1832	111	116
4S-FE 1838cc Inline4 DOHC 4v	01/1989 - 12/1998	L4	1838	112	20
1C 1839cc Inline4 SOHC 2v Diesel	01/1981 - 12/1992	L4	1839	112	92
1C-T 1839cc Inline4 OHV 2v Turbo Diesel	08/1983 - 01/1985	L4	1839	112	93
8R 1858cc Inline4 SOHC 2v	01/1968 - 12/1973	L4	1858	113	56
8R-B 1858cc Inline4 SOHC 2v	01/1969 - 01/1971	L4	1858	113	56
8R-C 1858cc Inline4 SOHC 2v	01/1969 - 01/1971	L4	1858	113	56
3R 1897cc Inline4 OHV 2v	01/1960 - 12/1973	L4	1897	115	73
3R-B 1897cc Inline4 OHV 2v	01/1963 - 01/1968	L4	1897	115	24
3R-C 1897cc Inline4 OHV 2v	01/1965 - 12/1970	L4	1897	115	24
18R 1968cc Inline4 SOHC 2v	01/1967 - 11/1983	L4	1968	120	90
18R-G 1968cc Inline4 DOHC 2v	01/1971 - 11/1977	L4	1968	120	56
18R-GEU 1968cc Inline4 DOHC 2v	11/1977 - 12/1982	L4	1968	120	9
18R-GU 1968cc Inline4 DOHC 2v	11/1977 - 12/1982	L4	1968	120	9
21R 1972cc Inline4 SOHC 2v	01/1978 - 01/1983	L4	1972	120	111
21R-C 1972cc Inline4 SOHC 2v	01/1982 - 12/1985	L4	1972	120	112
21R-U 1972cc Inline4 SOHC 2v	01/1982 - 12/1988	L4	1972	120	112
2C 1974cc Inline4 SOHC 2v Diesel	01/1982 - 12/2004	L4	1974	120	12
2C-T 1974cc Inline4 SOHC 2v Turbo Diesel	01/1984 - 12/2000	L4	1974	120	12
3ZR-FAE 1986cc Inline4 DOHC 4v	01/2007 - On	L4	1986	121	27
3ZR-FE 1986cc Inline4 DOHC 4v	01/2007 - On	L4	1986	121	27
1G-EU 1988cc Inline6 SOHC 2v	01/1979 - 04/1988	L6	1988	121	43
1G-FE 1988cc Inline6 DOHC 4v	01/1988 - 12/2005	L6	1988	121	53
1G-GE 1988cc Inline6 DOHC 4v	05/1988 - 12/1993	L6	1988	121	44
1G-GEU 1988cc Inline6 DOHC 4v	08/1982 - 04/1988	L6	1988	121	43
1G-GTE 1988cc Inline6 DOHC 4v Twin Turbo	01/1986 - 12/1992	L6	1988	121	62
3M 1988cc Inline6 DOHC 2v	01/1965 - 02/1971	L6	1988	121	70
M 1988cc Inline6 SOHC 2v	01/1965 - 08/1974	L6	1988	121	70
1VZ-FE 1992cc V6 DOHC 4v	01/1987 - 12/1993	V6	1992	121	23
5R 1994cc Inline4 OHV 2v	01/1967 - 12/1983	L4	1994	121	68
1CD-FTV 1995cc Inline 4 DOHC 4v Turbo Diesel	08/1999 - 12/2008	L4	1995	121	39
2S,2S-E 1995cc Inline4 SOHC 2v	01/1982 - 12/1987	L4	1995	121	102
1AZ-FE 1998cc Inline4 DOHC 4v	07/2000 - On	L4	1998	121	25
1RZ 1998cc Inline4 SOHC 2v	08/1989 - 12/2005	L4	1998	121	101
1RZ-E 1998cc Inline4 SOHC 2v	08/1989 - 12/2005	L4	1998	121	101
1TR-FE 1998cc Inline4 DOHC 4v	01/2004 - On	L4	1998	121	6
3S-FC 1998cc Inline4 DOHC 4v	01/1985 - 02/1993	L4	1998	121	85
3S-FE 1998cc Inline4 DOHC 4v	01/1986 - 12/2002	L4	1998	121	86
3S-GE 1998cc Inline4 DOHC 4v	10/1985 - 09/1999	L4	1998	121	82
3S-GTE 1998cc Inline4 DOHC 4v Turbo	05/1985 - 10/1995	L4	1998	121	82

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
3Y,3YC 1998cc Inline4 OHV 2v	10/1978 - 11/1997	L4	1998	121	77
4U-GSE (FA20) 1998cc Flat4 DOHC 4v	07/2012 - On	H4	1998	121	33
5S-FE 2164cc Inline4 DOHC 4v	01/1989 - 12/2009	L4	2164	132	69
3C-TE 2184cc Inline4 SOHC 2v Turbo Diesel	01/1991 - 12/1998	L4	2184	133	63
L 2188cc Inline4 SOHC 2v Diesel	01/1978 - 08/1988	L4	2188	133	118
20R 2189cc Inline4 SOHC 2v	01/1973 - 04/1982	L4	2189	133	110
4Y 2237cc Inline4 OHV 2v	10/1978 - 07/1998	L4	2237	136	77
4Y-EC 2237cc Inline4 OHV 2v	01/1986 - 12/1996	L4	2237	136	77
2M 2253cc Inline6 SOHC 2v	01/1965 - 12/1975	L6	2253	137	70
J 2336cc Inline4 SOHC 2v Diesel	01/1965 - 12/1970	L4	2336	142	119
2AZ-FE 2362cc Inline4 DOHC 4v	06/2000 - On	L4	2362	144	25
2AZ-FXE 2362cc Inline4 DOHC 4v	01/2007 - On	L4	2362	144	25
22R 2366cc Inline4 SOHC 2v	01/1980 - 07/1996	L4	2366	144	113
22R-E 2367cc Inline4 SOHC 2v	08/1982 - 12/1997	L4	2367	144	114
22R-TEC 2367cc Inline4 SOHC 2v Turbo	11/1984 - 12/1988	L4	2367	144	115
2RZ 2438cc Inline4 SOHC 2v	08/1989 - 09/1998	L4	2438	148	101
2RZ-E 2438cc Inline4 SOHC 2v	01/1995 - 12/2004	L4	2438	148	11
2RZ-FE 2438cc Inline4 DOHC 4v	01/1995 - 12/2004	L4	2438	148	11
2TZ-FE 2438cc Inline4 DOHC 4v	01/1989 - 12/2000	L4	2438	148	17
2TZ-FZE 2438cc Inline4 DOHC 4v S/charged	01/1995 - 12/1997	L4	2438	148	17
2L 2446cc Inline4 SOHC 2v Diesel	02/1982 - 09/1997	L4	2446	149	104
2L-T 2446cc Inline4 SOHC 2v Diesel	08/1983 - 12/2000	L4	2446	149	100
2J 2481cc Inline4 OHV 2v Diesel	01/1968 - 12/1979	L4	2481	151	98
1DZ 2486cc (Forklift) Inline4 OHV 2v Diesel	01/1990 - On	L4	2486	151	42
1JZ-GE 2492cc Inline6 DOHC 4v	01/1990 - 12/2007	L6	2492	152	61
1JZ-GTE 2492cc Inline6 DOHC 4v Twin Turbo	01/1990 - 12/2007	L6	2492	152	61
2AR-FE 2494cc Inline4 DOHC 4v	01/2008 - On	L4	2494	152	37
2KD-FTV 2494cc Inline4 DOHC 4v Turbo Diesel	01/2001 - On	L4	2494	152	4
2MZ-FE 2496cc V6 DOHC 4v	01/1998 - 12/2006	V6	2496	152	10
4VZ-FE 2496cc V6 DOHC 4v	01/1993 - 12/1998	V6	2496	152	22
5GR-FE 2497cc V6 DOHC 4v	01/2005 - On	V6	2497	152	31
4GR-FSE 2499cc V6 DOHC 4v	01/2003 - On	V6	2499	152	31
2VZ-FE 2507cc V6 DOHC 4v	05/1987 - 12/1993	V6	2507	152	22
4M 2563cc Inline6 SOHC 2v	01/1971 - 12/1983	L6	2563	156	70
4M-E 2563cc Inline6 SOHC 2v	09/1978 - 08/1979	L6	2563	156	80
1AR-FE 2672cc Inline4 DOHC 4v	01/2008 - On	L4	2672	163	37
3RZ-FE 2693cc Inline4 DOHC 4v	07/1996 - 12/2004	L4	2693	164	84
2TR-FE 2694cc Inline4 DOHC 4v	01/2004 - On	L4	2694	164	7
5M 2759cc Inline6 SOHC 2v	01/1979 - 12/1984	L6	2759	168	65
5M-E 2759cc Inline6 SOHC 2v	01/1978 - 08/1990	L6	2759	168	65
5M-GE 2759cc Inline6 DOHC 2v	08/1980 - 12/1988	L6	2759	168	66
5P 2771cc Inline4 OHV 2v Diesel	01/1974 - 10/1985	L4	2771	169	67
3L 2779cc Inline4 SOHC 2v Diesel	08/1986 - 10/2001	L4	2779	169	64
1Z 2953cc (Forklift) Inline4 OHV 2v Diesel	01/1990 - On	L4	2953	180	48
6M-GE 2954cc Inline6 DOHC 2v	07/1983 - 12/1986	L6	2954	180	122
7M-GE 2954cc Inline6 DOHC 4v	01/1986 - 12/1993	L6	2954	180	123
7M-GTE 2954cc Inline6 DOHC 4v Turbo	10/1986 - 12/1993	L6	2954	180	122
5L,5L-E 2955cc Inline4 SOHC 2v Diesel	10/1997 - On	L4	2955	180	64
3VZ-FE 2958cc V6 DOHC 4v	02/1992 - 12/1997	V6	2958	180	76
3VZ-E 2959cc V6 SOHC 3v	01/1988 - 07/1996	V6	2959	180	75
11B 2977cc Inline4 OHV 2v Diesel	01/1985 - 12/1995	L4	2977	181	88
B 2977cc Inline4 OHV 2v Diesel	01/1972 - 12/1990	L4	2977	181	117
1KD-FTV 2982cc Inline4 DOHC 4v Turbo Diesel	01/2000 - On	L4	2982	181	4
1KZ-TE 2982cc Inline4 SOHC 2v Turbo Diesel	01/1993 - On	L4	2982	181	107
3GR-FE 2994cc V6 DOHC 4v	01/2003 - On	V6	2994	182	31
3GR-FSE 2994cc V6 DOHC 4v	01/2003 - On	V6	2994	182	31
1MZ-FE 2995cc V6 DOHC 4v	10/1995 - 12/2006	V6	2995	182	10
2JZ-GE 2997cc Inline6 DOHC 4v	01/1990 - 12/2006	L6	2997	182	61



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
2JZ-GTE 2997cc Inline6 DOHC 4v Twin Turbo	01/1993 - 12/2006	L6	2997	182	61
2B 3168cc Inline4 OHV 2v Diesel	08/1977 - 08/1983	L4	3168	193	99
3MZ-FE 3311cc V6 DOHC 4v	04/2003 - On	V6	3311	202	10
5VZ-FE 3378cc V6 DOHC 4v	08/1996 - 12/2004	V6	3378	206	21
13B 3431cc Inline4 OHV 2v Diesel	09/1984 - 02/1995	L4	3431	209	88
13BT 3431cc Inline4 OHV 2v Turbo Diesel	09/1984 - 12/1990	L4	3431	209	94
3B 3431cc Inline4 OHV 2v Diesel	01/1979 - 12/1992	L4	3431	209	83
2GR-FE 3456cc V6 DOHC 4v	01/2005 - On	V6	3456	210	28
2GR-FSE 3456cc V6 DOHC 4v	01/2005 - On	V6	3456	210	31
2Z 3469cc (Forklift) Inline4 OHV 2v Diesel	01/1994 - On	L4	3469	211	49
1PZ 3470cc Inline5 SOHC 2v Diesel	01/1988 - 02/1993	L5	3470	211	108
H 3576cc Inline6 OHV 2v Diesel	01/1969 - 03/1982	L6	3576	218	120
14B 3660cc Inline4 OHV 2v Diesel	09/1988 - On	L4	3660	223	87
14BT 3660cc Inline4 OHV 2v Turbo Diesel	10/1989 - 12/1990	L4	3660	223	3
F 3878cc Inline6 OHV 2v	01/1954 - 12/1974	L6	3878	236	125
3F 3955cc Inline6 OHV 2v	11/1984 - 12/1992	L6	3955	241	72
3F-E 3955cc Inline6 OHV 2v	01/1988 - 12/1992	L6	3955	241	72
1UZ-FE 3969cc V8 DOHC 4v	01/1990 - 11/2000	V8	3969	242	54
12HT 3980cc Inline6 OHV 2v Turbo Diesel	10/1985 - 10/1990	L6	3980	242	89
2H 3980cc Inline6 OHV 2v Diesel	05/1980 - 12/1990	L6	3980	242	97
1GR-FE 3995cc V6 DOHC 4v	02/2003 - On	V6	3995	243	52
1W 4009cc Inline4 OHV 2v Diesel	01/1983 - 12/1995	L4	4009	244	41
1HD-FT 4164cc Inline6 SOHC 4v Turbo Diesel	01/1995 - 12/1999	L6	4164	254	5
1HD-FTE 4164cc Inline6 SOHC 4v Turbo Diesel	01/1995 - 12/2007	L6	4164	254	5
1HD-T 4164cc Inline6 SOHC 2v Turbo Diesel	01/1988 - 12/1995	L6	4164	254	105
1HZ 4164cc Inline6 SOHC 2v Diesel	01/1988 - On	L6	4164	254	106
2F 4230cc Inline6 OHV 2v	01/1975 - 04/1990	L6	4230	258	96
3UZ-FE 4293cc V8 DOHC 4v	11/2000 - On	V8	4293	261	55
11Z 4429cc (Forklift) Inline6 OHV 2v Diesel	01/1990 - On	L6	4429	270	50
1VD-FTV 4461cc V8 DOHC 4v Turbo Diesel	03/2007 - On	V8	4461	272	30
1VD-FTV 4461cc V8 DOHC 4v Twin Turbo Diesel	09/2007 - On	V8	4461	272	30
1FZ-FE 4476cc Inline6 DOHC 4v	01/1990 - 12/2006	L6	4476	273	109
13Z 4616cc (Forklift) Inline6 OHV 2v Diesel	01/1996 - On	L6	4616	281	51
2UZ-FE 4664cc V8 DOHC 4v	03/1998 - On	V8	4664	284	55
D 5890cc 6 SOHC 2v Diesel	01/1964 - 12/1974	L6	5890	359	121
2D 6494cc Inline6 OHV 2v Diesel	01/1964 - 12/1978	L6	6494	396	95

1	Engine	Year	Cyl	Bore x Stroke	1
	4A-GEC 1587cc Inline4 DOHC 4v	01/1985 - 12/1987	L4	81.0mm x 77.0mm	
	4A-GELC 1587cc Inline4 DOHC 4v	01/1985 - 12/1992	L4	81.0mm x 87.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has right hand notch 2.95mm wide. Suits 40mm shaft.</i>							
4B1710A STD, .25, .50, .75, 1.00		39.985/1.5742	43.000/1.6929	1.498/.0590	17.10/.673	F810	1710A
		40.000/1.5748	43.024/1.6939				IH
CONROD							
4B1780A STD, .25, .50, .75		41.985/1.6529	45.000/1.7717	1.490/.0587	17.10/.673	F810	1780A
		42.000/1.6535	45.024/1.7726				IH
RACE SERIES CONROD <i>Suits 42mm shaft.</i>							
4B1780H STD, .025, .25, .50		41.985/1.6529	45.000/1.7717	1.487/.0585	17.10/.673	F781	1780H
		42.000/1.6535	45.024/1.7726				IH
RACE SERIES CONROD <i>Suits 42mm shaft. 0.001" extra oil clearance on STD journal.</i>							
4B1780HX STD		41.985/1.6529	45.000/1.7717	1.474/.0580	17.10/.673	F781	1780HX
		42.000/1.6535	45.024/1.7726				IH
CONROD <i>Suits 42mm shaft.</i>							
4B1780P STD, .25, .50, .75, 1.00		41.985/1.6529	45.000/1.7717	1.490/.0587	17.10/.673	F780	1780
		42.000/1.6535	45.024/1.7726				IH
MAINS <i>Half groove set.</i>							
5M1695A STD, .25, .50, .75, 1.00	1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.004/.0789	19.90/.784	F810	1695A
		48.000/1.8898	52.050/2.0492				L
		47.985/1.8892	52.020/2.0480	2.004/.0789	19.90/.784	F810	1704A
		48.000/1.8898	52.050/2.0492				U
RACE SERIES MAINS							
5M1695H STD, .025, .25, .50	1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.001/.0788	19.90/.783	F780	1695H
		48.000/1.8898	52.050/2.0492				L
		47.985/1.8892	52.020/2.0480	2.001/.0788	19.90/.783	F780	1704H
		48.000/1.8898	52.050/2.0492				U
RACE SERIES MAINS <i>0.001" extra oil clearance on STD journal.</i>							
5M1695HX STD	1,2,3,4,5	47.985/1.8892	52.020/2.0480	1.988/.0783	19.90/.783	F780	1695HX
		48.000/1.8898	52.050/2.0492				L
		47.985/1.8892	52.020/2.0480	1.988/.0783	19.90/.783	F780	1704HX
		48.000/1.8898	52.050/2.0492				U
THRUST							
2T1695 STD		53.500/2.1063	65.750/2.5886		2.49/.098	F817	1695T
		53.750/2.1161	66.000/2.5984				UL
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4246 UNB		19.900/.7835	22.000/.8661	1.030/.0406	22.00/.866	F100	4RB4246
		20.000/.7874	22.030/.8673				
PISTON PIN BUSH <i>Single piece.</i>							
RB4246 UNB		19.900/.7835	22.000/.8661	1.030/.0406	22.00/.866	F100	RB4246
		20.000/.7874	22.030/.8673				

2	Engine	Year	Cyl	Bore x Stroke	2
	2A-LC 1298cc Inline4 SOHC 2v	01/1985 - 12/1989	L4	76.0mm x 71.4mm	
	4A-F 1587cc Inline4 DOHC 4v	09/1986 - 01/1996	L4	81.0mm x 77.0mm	
	4A-FE 1587cc Inline4 DOHC 4v	04/1988 - 11/1999	L4	81.0mm x 77.0mm	
	4A-LC 1587cc Inline4 SOHC 2v	01/1985 - 05/1989	L4	81.0mm x 77.0mm	
	5A-F 1498cc Inline4 DOHC 4v	01/1987 - 12/1990	L4	78.7mm x 77.0mm	
	5A-FE 1498cc Inline4 DOHC 4v	05/1987 - 12/2006	L4	78.7mm x 77.0mm	
	6A-FC 1397cc Inline4 DOHC 4v	01/1989 - 12/1992	L4	76.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has right hand notch 2.95mm wide. Suits 40mm shaft.</i>							
4B1710A STD, .25, .50, .75, 1.00		39.985/1.5742	43.000/1.6929	1.498/.0590	17.10/.673	F810	1710A
		40.000/1.5748	43.024/1.6939				IH



2 Continued ...							2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1695A STD, .25, .50, .75, 1.00		MAINS <i>Half groove set.</i>					
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/.0789	19.90/.784	F810	1695A L
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/.0789	19.90/.784	F810	1704A U
RACE SERIES 5M1695H STD, .025, .25, .50		MAINS					
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.001/.0788	19.90/.783	F780	1695H L
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.001/.0788	19.90/.783	F780	1704H U
RACE SERIES 5M1695HX STD		MAINS <i>0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	1.988/.0783	19.90/.783	F780	1695HX L
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	1.988/.0783	19.90/.783	F780	1704HX U
2T1695 STD		THRUST					
		53.500/2.1063 53.750/2.1161	65.750/2.5886 66.000/2.5984		2.49/.098	F817	1695T UL

3 Engine				Year	Cyl	Bore x Stroke	3
14BT 3660cc Inline4 OHV 2v Turbo Diesel				10/1989 - 12/1990	L4	102.0mm x 112.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8285A STD, .25, .50, .75, 1.00		CONROD <i>Oil slot in bearing.</i>					
		60.985/2.4010 61.001/2.4016	64.000/2.5197 64.025/2.5207	1.485/.0585	30.00/1.181	F810	8285A IH
5M8374A STD, .25, .50, .75, 1.00		MAINS <i>Requires thrustwashers.</i>					
	1,2,3,4,5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	26.90/1.059	F810	8374A UL
2T8283 STD		THRUST <i>For Engines Equipped with Thrust Washers</i>					
		76.250/3.0020 76.500/3.0118	90.250/3.5531 90.500/3.5630		2.48/.098	F817	8283T UL
5C8205 STD		CAMS <i>Suits from 09/1988 on.</i>					
	1	53.450/2.1043 53.475/2.1053	57.500/2.2638 57.530/2.2650	2.005/.0789	20.00/.787	F23	8205
	2	53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551	2.005/.0789	20.00/.787	F23	8206
	3	52.950/2.0846 52.975/2.0856	57.000/2.2441 57.030/2.2453	2.005/.0789	20.00/.787	F23	8207
	4	52.700/2.0748 52.725/2.0758	57.000/2.2441 57.030/2.2453	2.130/.0839	20.00/.787	F23	8208
	5	52.450/2.0650 52.475/2.0659	57.250/2.2539 57.282/2.2552	2.380/.0937	20.00/.787	F23	8209

4 Engine				Year	Cyl	Bore x Stroke	4
1KD-FTV 2982cc Inline4 DOHC 4v Turbo Diesel				01/2000 - On	L4	96.0mm x 103.0mm	
2KD-FTV 2494cc Inline4 DOHC 4v Turbo Diesel				01/2001 - On	L4	92.0mm x 93.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1850A STD, .25, .50, .75, 1.00		CONROD					
		58.982/2.3221 59.000/2.3228	62.014/2.4415 62.032/2.4422	1.489/.0586	24.60/.969	F810	1850A IH
5M1852A STD, .25, .50, .75, 1.00		MAINS					
	1,2,3,4,5	69.982/2.7552 70.000/2.7559	75.000/2.9528 75.018/2.9535	2.485/.0978	23.80/.937	F810	1852A UL
2T1852 STD		THRUST					
		76.250/3.0020 76.500/3.0118	90.670/3.5697 90.920/3.5795		2.48/.098	F817	1852T UL



4 Continued ... **4**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 4. Has one oil hole.</i>							
4RB4251 UNB		33.990/1.3382 34.000/1.3386	37.000/1.4567 37.030/1.4579	1.530/.0602	31.50/1.240	F100	4RB4251
PISTON PIN BUSH <i>Has one oil hole.</i>							
RB4251 UNB		33.990/1.3382 34.000/1.3386	37.000/1.4567 37.030/1.4579	1.530/.0602	31.50/1.240	F100	RB4251

5 Engine **5**

Engine	Year	Cyl	Bore x Stroke
1HD-FT 4164cc Inline6 SOHC 4v Turbo Diesel	01/1995 - 12/1999	L6	94.0mm x 100.0mm
1HD-FTE 4164cc Inline6 SOHC 4v Turbo Diesel	01/1995 - 12/2007	L6	94.0mm x 100.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8396A STD, .25, .50, .75, 1.00		58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.492/.0587	23.55/.927	F810	8396A IH
RACE SERIES							
6B8396H STD, .025, .25		58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.489/.0586	23.55/.927	F781	8396H IH
RACE SERIES							
6B8396HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.476/.0581	23.55/.927	F781	8396HX IH
MAINS							
7M8397A STD, .25, .50, .75	1,2,3,4,5,6,7	66.995/2.6376 67.005/2.6380	71.000/2.7953 71.018/2.7960	1.980/.0780	22.10/.870	F810	8397A UL
RACE SERIES							
7M8397H STD, .025, .25	1,2,3,4,5,6,7	66.995/2.6376 67.005/2.6380	70.982/2.7946 71.000/2.7953	1.979/.0779	22.10/.870	F780	8397H UL
RACE SERIES							
7M8397HX STD	1,2,3,4,5,6,7	<i>0.001" extra oil clearance on STD journal.</i>		1.979/.0779	22.10/.870	F780	8397HX UL
THRUST							
2T8397 STD		73.450/2.8917 73.700/2.9016	86.450/3.4035 86.700/3.4134		2.98/.117	F817	8397T UL
CAMS							
7C8252A STD	1	34.960/1.3764 35.000/1.3780	38.000/1.4961 38.016/1.4967	1.504/.0592	29.00/1.142	F820	8252A IH
	2,3,4,5,6,7	27.980/1.1016 28.000/1.1024	31.000/1.2205 31.016/1.2211	1.504/.0592	20.00/.787	F820	8253A IH
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4243 UNB				1.530/.0602	30.50/1.201	F100	6RB4243
PISTON PIN BUSH <i>Single piece.</i>							
RB4243 UNB				1.530/.0602	30.50/1.201	F100	RB4243

6 Engine **6**

Engine	Year	Cyl	Bore x Stroke
1TR-FE 1998cc Inline4 DOHC 4v	01/2004 - On	L4	86.0mm x 86.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8419A STD, .25, .50, .75, 1.00		52.989/2.0862 53.002/2.0867	56.000/2.2047 56.020/2.2055	1.493/.0588	15.60/.614	F810	8419A IH
MAINS							
5M8423A STD, .25, .50, .75, 1.00	1,2,3,4,5	59.987/2.3617 60.000/2.3622	64.004/2.5198 64.022/2.5205	1.995/.0785	21.00/.827	F810	8423A UL
THRUST							
2T8423 STD, .25		65.000/2.5591 65.250/2.5689	80.550/3.1713 80.800/3.1811		2.49/.098	F817	8423T UL



7 Engine				Year	Cyl	Bore x Stroke	7
2TR-FE 2694cc Inline4 DOHC 4v				01/2004 - On	L4	95.0mm x 95.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8420A STD, .25, .50, .75, 1.00, 1.25		52.989/2.0862	56.000/2.2047	1.493/.0588	15.60/.614	F810	8420A IH
		53.002/2.0867	56.020/2.2055				
MAINS							
5M8423A STD, .25, .50, .75, 1.00	1,2,3,4,5	59.987/2.3617	64.004/2.5198	1.995/.0785	21.00/.827	F810	8423A UL
		60.000/2.3622	64.022/2.5205				
THRUST							
2T8423 STD, .25		65.000/2.5591	80.550/3.1713		2.49/.098	F817	8423T UL
		65.250/2.5689	80.800/3.1811				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4235 UNB			24.000/.9449	.980/.0386	20.40/.803	F100	4RB4235
PISTON PIN BUSH <i>Single Piece.</i>							
RB4235 UNB			24.000/.9449	.980/.0386	20.40/.803	F100	RB4235

8 Engine				Year	Cyl	Bore x Stroke	8
12T 1588cc Inline4 OHV 2v				01/1976 - 12/1984	L4	85.0mm x 70.0mm	
13T 1770cc Inline4 OHV 2v				11/1977 - 08/1985	L4	85.0mm x 78.0mm	
3T 1770cc Inline4 OHV 2v				01/1979 - 12/1983	L4	85.0mm x 78.0mm	
3T-C 1770cc Inline4 OHV 2v				01/1979 - 10/1983	L4	85.0mm x 78.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>3mm oil hole at 39°, suits up to 8/1982.</i>							
4B1686A STD, 010, 020, 030, 040, 060.		47.976/1.8888	51.000/2.0079	1.488/.0586	19.84/.781	F810	1686A IH
		48.000/1.8898	51.024/2.0088				
CONROD <i>3mm oil hole at 28°, suits from 9/1982.</i>							
4B1714A STD, .25, .50, .75, 1.00		47.980/1.8890	51.000/2.0079	1.494/.0588	18.90/.744	F810	1714A IH
		48.000/1.8898	51.020/2.0087				
MAINS <i>Suits from 09/1971.</i>							
5M1689A STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	57.976/2.2825	62.000/2.4409	1.991/.0784	20.82/.820	F810	1689A IH
		58.000/2.2835	62.024/2.4419				
THRUST							
2T1689 STD, .125, .25, .50, .75		63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT UL
		64.050/2.5216	76.000/2.9921				
THRUST							
2T1689P STD		63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T UL
		64.050/2.5216	76.000/2.9921				
CAMS							
5C8186 STD	1	46.460/1.8291	50.010/1.9689	1.745/.0687	18.03/.710	F820	8186
		46.475/1.8297	50.030/1.9697				
		46.210/1.8193	49.760/1.9591	1.745/.0687	16.00/.630	F820	8046
		46.225/1.8199	49.780/1.9598				
		45.960/1.8094	49.010/1.9295	1.495/.0589	18.00/.709	F820	8047
		45.975/1.8100	49.030/1.9303				
		45.710/1.7996	49.260/1.9394	1.745/.0687	16.00/.630	F820	8189
		45.725/1.8002	49.280/1.9402				
		45.460/1.7898	49.510/1.9492	1.995/.0785	18.00/.709	F820	8049
		45.475/1.7904	49.530/1.9500				

9	Engine	Year	Cyl	Bore x Stroke	9
	18R-GEU 1968cc Inline4 DOHC 2v	11/1977 - 12/1982	L4	88.5mm x 80.0mm	
	18R-GU 1968cc Inline4 DOHC 2v	11/1977 - 12/1982	L4	88.5mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1701A STD, 010, 020, 030, 040, 060		52.977/2.0857	56.000/2.2047	1.494/.0588	22.00/.866	F810	1701A IH
		53.000/2.0866	56.022/2.2056				
MAINS <i>Requires thrust washer.</i>							
5M1699A STD, 010, 020, 030, 040	1,2,4,5	59.976/2.3613	64.000/2.5197	2.000/.0787	21.97/.865	F810	1697A IH
		60.000/2.3622	64.024/2.5206				
	3	59.976/2.3613	64.000/2.5197	2.000/.0787	27.94/1.100	F810	1699A IH
		60.000/2.3622	64.024/2.5206				
THRUST <i>1.99 mm thick.</i>							
2T1703 STD		66.250/2.6083	79.750/3.1398		1.99/.078	F817	1703T UL
		66.500/2.6181	80.000/3.1496				
CAMS							
4C8076 STD	1(L)	34.972/1.3768	38.014/1.4966	1.504/.0592	28.07/1.105	F820	8077A(L) L
		34.996/1.3778	38.038/1.4976				
	1(U)	34.972/1.3768	38.014/1.4966	1.504/.0592	20.13/.793	F23	8076 IH
		34.996/1.3778	38.038/1.4976				
	2,3,4	34.972/1.3768	38.014/1.4966	1.504/.0592	20.13/.793	F23	8076 IH
		34.996/1.3778	38.038/1.4976				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4028 UNB		21.987/.8656	24.000/.9449	1.230/.0484	27.80/1.095	F100	4RB4028
		22.000/.8661	24.021/.9457				
PISTON PIN BUSH							
RB4028 UNB		21.987/.8656	24.000/.9449	1.230/.0484	28.70/1.130	F100	RB4028
		22.000/.8661	24.021/.9457				

10	Engine	Year	Cyl	Bore x Stroke	10
	1MZ-FE 2995cc V6 DOHC 4v	10/1995 - 12/2006	V6	87.5mm x 83.0mm	
	2MZ-FE 2496cc V6 DOHC 4v	01/1998 - 12/2006	V6	87.5mm x 69.2mm	
	3MZ-FE 3311cc V6 DOHC 4v	04/2003 - On	V6	92.0mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8381A STD, .25, .50, .75, 1.00		52.992/2.0863	56.000/2.2047	1.484/.0584	16.00/.630	F810	8381A IH
		53.000/2.0866	56.020/2.2055				
MAINS							
4M8379A STD, .25, .50, .75	1,4	60.988/2.4011	66.000/2.5984	2.486/.0979	22.25/.876	F810	8383A UL
		61.000/2.4016	66.020/2.5992				
	2,3	60.988/2.4011	66.000/2.5984	2.486/.0979	19.00/.748	F810	8379A UL
	61.000/2.4016	66.020/2.5992					
THRUST							
2T8379 STD		68.200/2.6850	83.700/3.2953		1.98/.078	F817	8379T UL
		68.450/2.6949	83.950/3.3051				
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4253 UNB			24.000/.9449	1.000/.0394	20.50/.807	F100	6RB4253
PISTON PIN BUSH							
RB4253 UNB			24.000/.9449	1.000/.0394	20.50/.807	F100	RB4253



11	Engine	Year	Cyl	Bore x Stroke	11
	2RZ-E 2438cc Inline4 SOHC 2v	01/1995 - 12/2004	L4	95.0mm x 86.0mm	
	2RZ-FE 2438cc Inline4 DOHC 4v	01/1995 - 12/2004	L4	95.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Suits from 8/1993.</i>							
4B8414A STD, .25, .50, .75, 1.00		52.987/2.0861	56.000/2.2047	1.485/.0585	19.83/.781	F810	8414A IH
		53.000/2.0866	56.024/2.2057				
5M8378A STD, .25, .50, .75, 1.00	1,5	59.987/2.3617	64.000/2.5197	1.990/.0783	25.18/.991	F810	8378A UL
		60.000/2.3622	64.024/2.5206				
	2,3,4	59.987/2.3617	64.000/2.5197	1.990/.0783	23.15/.911	F810	8377A UL
		60.000/2.3622	64.024/2.5206				
2T8377 STD	THRUST	65.250/2.5689	89.750/3.5335		2.49/.098	F817	8377T UL
		65.500/2.5787	90.000/3.5433				
4RB4257	PISTON PIN BUSH		27.000/1.0630	1.535/.0604	26.00/1.024	F100	4RB4257
			27.030/1.0642				
RB4257 UNB	PISTON PIN BUSH		27.000/1.0630	1.535/.0604	26.00/1.024	F100	RB4257
			27.030/1.0642				

12	Engine	Year	Cyl	Bore x Stroke	12
	2C 1974cc Inline4 SOHC 2v Diesel	01/1982 - 12/2004	L4	86.0mm x 85.0mm	
	2C-T 1974cc Inline4 SOHC 2v Turbo Diesel	01/1984 - 12/2000	L4	86.0mm x 85.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has left hand notch and is 23.70mm wide</i>							
4B8370A STD, .25, .50, .75, 1.00		50.480/1.9874	53.504/2.1065	1.482/.0583	23.70/.933	F810	8370A IH
		50.500/1.9882	53.524/2.1072				
CONROD <i>Has left hand notch and is 18.90mm wide</i>							
4B8371A STD, .25, .50, .75, 1.00		50.480/1.9874	53.504/2.1065	1.482/.0583	18.90/.744	F810	8371A IH
		50.500/1.9882	53.524/2.1072				
CONROD <i>Suits from 1996 on. Has right hand notch.</i>							
4B8391A STD, .25, .50		50.490/1.9878	53.504/2.1065	1.482/.0583	23.10/.909	F810	8391A IH
		50.500/1.9882	53.520/2.1071				
CONROD <i>Suits until 12/1995.</i>							
4B8395A STD, .25, .50, .75, 1.00		50.490/1.9878	53.500/2.1063	1.482/.0583	23.10/.909	F810	8395A IH
		50.500/1.9882	53.520/2.1071				
MAINS <i>Is 22mm wide. Suits until 08/1985.</i>							
5M8372A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.980/2.2433	61.004/2.4017	1.990/.0783	22.00/.866	F810	8372A UL
		57.000/2.2441	61.024/2.4025				
MAINS <i>Is 20mm wide. Suits from 09/1985 to 08/1990.</i>							
5M8373A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.980/2.2433	61.004/2.4017	1.990/.0783	20.00/.787	F810	8373A UL
		57.000/2.2441	61.024/2.4025				
MAINS <i>Suits from 09/1990.</i>							
5M8399A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	22.00/.866	F810	8399A UL
		57.000/2.2441	61.020/2.4024				
2T8372 STD	THRUST	63.000/2.4803	76.550/3.0138		2.72/.107	F817	8372T UL
		63.250/2.4902	76.800/3.0236				
4RB4097 UNB	PISTON PIN BUSH	<i>Tapered bush. Set of 4.</i>		1.630/.0642	28.00/1.102	F100	4RB4097
		27.000/1.0630	30.000/1.1811				
		27.012/1.0635	30.030/1.1823				
4RB4247 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		1.540/.0606	27.50/1.083	F100	4RB4247
		30.000/1.1811	30.030/1.1823				

12 Continued ... 12

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Tapered Bush.</i>							
RB4097 UNB		27.000/1.0630	30.000/1.1811	1.630/.0642	28.00/1.102	F100	RB4097
		27.012/1.0635	30.030/1.1823				
PISTON PIN BUSH							
RB4247 UNB			30.000/1.1811	1.540/.0606	27.50/1.083	F100	RB4247
			30.030/1.1823				

13 Engine Year Cyl Bore x Stroke 13

3E 1456cc Inline4 SOHC 3v	05/1986 - 12/1994	L4	73.0mm x 87.0mm
3E-E 1456cc Inline4 SOHC 3v	05/1986 - 12/1994	L4	73.0mm x 87.0mm
3E-TE 1456cc Inline4 SOHC 3v Turbo	01/1987 - 12/1994	L4	73.0mm x 87.0mm
5E-FE 1496cc Inline4 DOHC 4v	01/1991 - 12/1999	L4	74.0mm x 87.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B8380A STD, .25, .50, .75, 1.00		42.985/1.6923	46.000/1.8110	1.492/.0587	15.10/.595	F810	8380A IH
		43.000/1.6929	46.020/1.8118				
MAINS							
5M8382A STD, .25, .50, .75, 1.00	1,2,3,4,5	49.985/1.9679	54.021/2.1268	2.000/.0787	16.00/.630	F810	8382A UL
		50.000/1.9685	54.041/2.1276				
THRUST							
2T8382 STD		55.560/2.1874	67.560/2.6598		2.48/.098	F817	8382T UL
		55.820/2.1976	67.820/2.6701				

14 Engine Year Cyl Bore x Stroke 14

4K-E 1290cc Inline4 OHV 2v	01/1983 - 12/1984	L4	75.0mm x 73.0mm
5K 1486cc Inline4 OHV 2v	01/1983 - 03/1992	L4	80.5mm x 73.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B1101A STD, .25, .50, .75, 1.00, 1.25		41.976/1.6526	44.999/1.7716	1.496/.0589	18.90/.744	F810	1101A IH
		42.000/1.6535	45.024/1.7726				
MAINS <i>Half grooved bearing set, with upper & lower.</i>							
5M1103A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	49.976/1.9676	54.000/2.1260	1.996/.0786	20.90/.823	F810	1102A U
		50.000/1.9685	54.028/2.1271				
		49.976/1.9676	54.000/2.1260	1.996/.0786	20.90/.823	F810	1103A L
		50.000/1.9685	54.028/2.1271				
THRUST							
2T8062 STD		55.560/2.1874	67.560/2.6598		2.49/.098	F817	8062T UL
		55.820/2.1976	67.820/2.6701				
CAMS							
4C8066 STD	1	43.209/1.7011	48.000/1.8898	2.385/.0939	17.90/.705	F23	8066
		43.225/1.7018	48.025/1.8907				
	2	42.959/1.6913	47.500/1.8701	2.260/.0890	17.90/.705	F23	8067
		42.975/1.6919	47.525/1.8711				
	3	42.709/1.6815	47.000/1.8504	2.133/.0840	17.90/.705	F23	8068
		42.725/1.6821	47.025/1.8514				
	4	42.459/1.6716	46.500/1.8307	2.006/.0790	17.90/.705	F23	8069
		42.475/1.6722	46.525/1.8317				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4037 UNB		17.986/.7081	20.000/.7874	1.180/.0465	24.89/.980	F100	4RB4037
		17.998/.7086	20.020/.7882				



15 Engine		Year	Cyl	Bore x Stroke	15		
2T 1588cc Inline4 OHV 2v		01/1970 - 07/1980	L4	85.0mm x 70.0mm			
T 1407cc Inline4 OHV 2v		01/1970 - 12/1979	L4	80.0mm x 70.0mm			
<i>Suits up to 08/1971.</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>3mm oil hole at 39°, suits up to 8/1982.</i>							
4B1686A STD, 010, 020, 030, 040, 060		47.976/1.8888	51.000/2.0079	1.488/.0586	19.84/.781	F810	1686A IH
		48.000/1.8898	51.024/2.0088				
MAINS <i>Suits from 09/1971.</i>							
5M1689A STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	57.976/2.2825	62.000/2.4409	1.991/.0784	20.82/.820	F810	1689A IH
		58.000/2.2835	62.024/2.4419				
MAINS <i>Suits up to 08/1971.</i>							
5M1718A STD, .25, .50, .75, 1.00	1,2,4,5	57.980/2.2827	62.000/2.4409	1.992/.0784	20.80/.819	F810	1718A UL
		58.000/2.2835	62.020/2.4417				
	3	57.980/2.2827	62.000/2.4409	1.992/.0784	30.93/1.218	F810	1719A(F) UL
2T1689 STD, .125, .25, .50, .75	THRUST	63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT UL
		64.050/2.5216	76.000/2.9921				
2T1689P STD	THRUST	63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T UL
		64.050/2.5216	76.000/2.9921				
CAMS							
5C8186 STD	1	46.460/1.8291	50.010/1.9689	1.745/.0687	18.03/.710	F820	8186
		46.475/1.8297	50.030/1.9697				
	2	46.210/1.8193	49.760/1.9591	1.745/.0687	16.00/.630	F820	8046
		46.225/1.8199	49.780/1.9598				
	3	45.960/1.8094	49.010/1.9295	1.495/.0589	18.00/.709	F820	8047
	45.975/1.8100	49.030/1.9303					
4	45.710/1.7996	49.260/1.9394	1.745/.0687	16.00/.630	F820	8189	
	45.725/1.8002	49.280/1.9402					
5	45.460/1.7898	49.510/1.9492	1.995/.0785	18.00/.709	F820	8049	
	45.475/1.7904	49.530/1.9500					

16 Engine		Year	Cyl	Bore x Stroke	16		
2T-G 1588cc Inline4 DOHC 2v		01/1970 - 12/1985	L4	85.0mm x 70.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>3mm oil hole at 39°, suits up to 8/1982.</i>							
4B1686A STD, 010, 020, 030, 040, 060		47.976/1.8888	51.000/2.0079	1.488/.0586	19.84/.781	F810	1686A IH
		48.000/1.8898	51.024/2.0088				
CONROD <i>3mm oil hole at 28°, suits from 9/1982.</i>							
4B1714A STD, .25, .50, .75, 1.00		47.980/1.8890	51.000/2.0079	1.494/.0588	18.90/.744	F810	1714A IH
		48.000/1.8898	51.020/2.0087				
MAINS <i>Suits from 09/1971.</i>							
5M1689A STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	57.976/2.2825	62.000/2.4409	1.991/.0784	20.82/.820	F810	1689A IH
		58.000/2.2835	62.024/2.4419				
MAINS <i>Suits up to 08/1971.</i>							
5M1718A STD, .25, .50, .75, 1.00	1,2,4,5	57.980/2.2827	62.000/2.4409	1.992/.0784	20.80/.819	F810	1718A UL
		58.000/2.2835	62.020/2.4417				
	3	57.980/2.2827	62.000/2.4409	1.992/.0784	30.93/1.218	F810	1719A(F) UL
2T1689 STD, .125, .25, .50, .75	THRUST	63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT UL
		64.050/2.5216	76.000/2.9921				
2T1689P STD	THRUST	63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T UL
		64.050/2.5216	76.000/2.9921				

17	Engine	Year	Cyl	Bore x Stroke	17
	2TZ-FE 2438cc Inline4 DOHC 4v	01/1989 - 12/2000	L4	95.0mm x 86.0mm	
	2TZ-FZE 2438cc Inline4 DOHC 4v S/charged	01/1995 - 12/1997	L4	95.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Suits until 07/1993.</i>					
4B8376A STD, .25, .50, .75, 1.00		52.987/2.0861 53.000/2.0866	56.000/2.2047 56.024/2.2057	1.485/.0585	19.83/.781	F810	8376A IH
	MAINS						
5M8378A STD, .25, .50, .75, 1.00	1,5	59.987/2.3617 60.000/2.3622	64.000/2.5197 64.024/2.5206	1.990/.0783	25.18/.991	F810	8378A UL
	2,3,4	59.987/2.3617 60.000/2.3622	64.000/2.5197 64.024/2.5206	1.990/.0783	23.15/.911	F810	8377A UL
	THRUST						
2T8377 STD		65.250/2.5689 65.500/2.5787	89.750/3.5335 90.000/3.5433		2.49/.098	F817	8377T UL
	PISTON PIN BUSH	<i>Set of 4.</i>					
4RB4238 UNB		24.000/.9449	27.000/1.0630 27.030/1.0642	1.535/.0604	26.00/1.024	F100	4RB4238
	PISTON PIN BUSH	<i>Single piece.</i>					
RB4238 UNB		24.000/.9449	27.000/1.0630 27.030/1.0642	1.535/.0604	26.00/1.024	F100	RB4238

18	Engine	Year	Cyl	Bore x Stroke	18
	3T-G 1770cc Inline4 DOHC 2v	01/1982 - 12/1985	L4	85.0mm x 78.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>3mm oil hole at 39°, suits up to 8/1982.</i>					
4B1686A STD, 010, 020, 030, 040, 060		47.976/1.8888 48.000/1.8898	51.000/2.0079 51.024/2.0088	1.488/.0586	19.84/.781	F810	1686A IH
	CONROD	<i>3mm oil hole at 28°, suits from 9/1982.</i>					
4B1714A STD, .25, .50, .75, 1.00		47.980/1.8890 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.494/.0588	18.90/.744	F810	1714A IH
	MAINS						
5M1715A STD, .25, .50, .75, 1.00	1,2,3,4,5	57.976/2.2825 58.000/2.2835	62.000/2.4409 62.024/2.4419	1.991/.0784	20.80/.819	F810	1715A IH
	THRUST						
2T1689 STD, .125, .25, .50, .75		63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F817	1689AT UL
	THRUST						
2T1689P STD		63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F780	1689T UL

19	Engine	Year	Cyl	Bore x Stroke	19
	3T-GTE 1770cc Inline4 DOHC 2v Turbo	09/1982 - 08/1985	L4	85.0mm x 78.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>3mm oil hole at 28°, suits from 9/1982.</i>					
4B1714A STD, .25, .50, .75, 1.00		47.980/1.8890 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.494/.0588	18.90/.744	F810	1714A IH
	MAINS						
5M1715A STD, .25, .50, .75, 1.00	1,2,3,4,5	57.976/2.2825 58.000/2.2835	62.000/2.4409 62.024/2.4419	1.991/.0784	20.80/.819	F810	1715A IH
	THRUST						
2T1689 STD, .125, .25, .50, .75		63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F817	1689AT UL
	THRUST						
2T1689P STD		63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F780	1689T UL



20 Engine		Year	Cyl	Bore x Stroke	20		
4S-FE 1838cc Inline4 DOHC 4v		01/1989 - 12/1998	L4	82.5mm x 86.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>For engines with 52mm shaft.</i>							
4B8365A STD, .25, .50, .75, 1.00		51.985/2.0466	55.000/2.1654	1.493/.0588	20.50/.807	F810	8365A
		52.000/2.0472	55.024/2.1663				IH
MAINS							
5M8361A STD, .25, .50, .75	1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F810	8361A
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F810	8362A
		55.000/2.1654	59.038/2.3243				UL
RACE SERIES							
5M8361H STD, .025, .25, .50	1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F780	8361H
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F780	8362H
		55.000/2.1654	59.038/2.3243				UL
RACE SERIES							
5M8361HX STD	1,2,4,5	54.985/2.1648	59.020/2.3236	1.987/.0782	19.20/.756	F780	8361HX
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.982/.0780	23.00/.906	F780	8362HX
		55.000/2.1654	59.038/2.3243				UL
THRUST							
2T1689 STD, .125, .25, .50, .75		63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT
		64.050/2.5216	76.000/2.9921				UL
THRUST							
2T1689P STD		63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T
		64.050/2.5216	76.000/2.9921				UL
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4087 UNB		21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	4RB4087
		22.009/.8665	24.000/.9449				
PISTON PIN BUSH							
RB4087 UNB		21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	RB4087
		22.009/.8665	24.000/.9449				

21 Engine		Year	Cyl	Bore x Stroke	21		
5VZ-FE 3378cc V6 DOHC 4v		08/1996 - 12/2004	V6	93.5mm x 82.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8061A STD, .25, .50, .75, 1.00		54.987/2.1648	58.000/2.2835	1.488/.0586	17.00/.669	F810	8061A
		55.000/2.1654	58.024/2.2844				IH
MAINS							
4M8070A STD, .25, .50, .75, 1.00	1	63.985/2.5191	68.010/2.6776	1.993/.0785	22.00/.866	F810	8064A
		64.000/2.5197	68.028/2.6783				UL
	2,3,4	63.985/2.5191	68.010/2.6776	1.993/.0785	20.00/.787	F810	8070A
		64.000/2.5197	68.028/2.6783				UL
THRUST							
2T8063 STD, .25		71.250/2.8051	86.250/3.3957		2.49/.098	F817	8063T
		71.500/2.8150	86.500/3.4055				UL
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4109 UNB		21.997/.8660	24.010/.9453	1.180/.0465	23.00/.906	F100	6RB4109
		22.009/.8665	24.030/.9461				
PISTON PIN BUSH							
RB4109 UNB		21.997/.8660	24.010/.9453	1.180/.0465	23.00/.906	F100	RB4109
		22.009/.8665	24.030/.9461				

22	Engine	Year	Cyl	Bore x Stroke	22
	2VZ-FE 2507cc V6 DOHC 4v	05/1987 - 12/1993	V6	87.5mm x 69.5mm	
	4VZ-FE 2496cc V6 DOHC 4v	01/1993 - 12/1998	V6	87.5mm x 69.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8061A STD, .25, .50, .75, 1.00		54.987/2.1648	58.000/2.2835	1.488/.0586	17.00/.669	F810	8061A
		55.000/2.1654	58.024/2.2844				IH
MAINS							
4M8063A STD, .25, .50, .75, 1.00	1	63.985/2.5191	68.010/2.6776	1.993/.0785	22.00/.866	F810	8064A
		64.000/2.5197	68.028/2.6783				UL
	2,3,4	63.985/2.5191	68.010/2.6776	1.993/.0785	20.00/.787	F810	8063A
		64.000/2.5197	68.028/2.6783				UL
THRUST							
2T8063 STD, .25		71.250/2.8051	86.250/3.3957		2.49/.098	F817	8063T
		71.500/2.8150	86.500/3.4055				UL

23	Engine	Year	Cyl	Bore x Stroke	23
	1VZ-FE 1992cc V6 DOHC 4v	01/1987 - 12/1993	V6	78.0mm x 69.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8040A STD, .25, .50		47.986/1.8892	51.000/2.0079	1.488/.0586	17.00/.669	F810	8040A
		48.000/1.8898	51.024/2.0088				IH
MAINS							
4M8063A STD, .25, .50, .75, 1.00	1	63.985/2.5191	68.010/2.6776	1.993/.0785	22.00/.866	F810	8064A
		64.000/2.5197	68.028/2.6783				UL
	2,3,4	63.985/2.5191	68.010/2.6776	1.993/.0785	20.00/.787	F810	8063A
		64.000/2.5197	68.028/2.6783				UL
THRUST							
2T8063 STD, .25		71.250/2.8051	86.250/3.3957		2.49/.098	F817	8063T
		71.500/2.8150	86.500/3.4055				UL

24	Engine	Year	Cyl	Bore x Stroke	24
	3R-B 1897cc Inline4 OHV 2v	01/1963 - 01/1968	L4	88.0mm x 78.0mm	
	3R-C 1897cc Inline4 OHV 2v	01/1965 - 12/1970	L4	88.0mm x 79.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2986P STD, 010, 020, 030, 040		54.985/2.1648	58.025/2.2844	1.499/.0590	30.98/1.220	F780	2986
		55.000/2.1654	58.045/2.2852				UL
MAINS							
<i>Suits until 12/1968.</i>							
3M2987A STD, 010, 020, 030, 040	1	59.985/2.3616	65.010/2.5594	2.489/.0980	27.99/1.102	F810	2987A
		60.000/2.3622	65.040/2.5606				UL
	2	59.985/2.3616	65.010/2.5594	2.489/.0980	35.99/1.417	F810	2988A
		60.000/2.3622	65.040/2.5606				UL
	3	59.985/2.3616	65.010/2.5594	2.489/.0980	40.00/1.575	F810	2989A
		60.000/2.3622	65.040/2.5606				UL
THRUST							
<i>2.97 mm Thick.</i>							
2T7962 STD		65.500/2.5787	79.750/3.1398		2.98/.117	F817	7962T
		66.250/2.6083	80.000/3.1496				UL
CAMS							
5C7969 STD	1	46.460/1.8291	50.000/1.9685	1.740/.0685	29.21/1.150	F23	7966
		46.475/1.8297	50.025/1.9695				
	2	46.210/1.8193	50.000/1.9685	1.867/.0735	20.19/.795	F23	7967
		46.225/1.8199	50.025/1.9695				
	3	45.960/1.8094	50.000/1.9685	1.994/.0785	46.28/1.822	F23	7968
		45.975/1.8100	50.025/1.9695				
	4	45.710/1.7996	50.000/1.9685	2.121/.0835	19.30/.760	F23	7969
		45.725/1.8002	50.025/1.9695				
	5	45.460/1.7898	50.000/1.9685	2.248/.0885	28.19/1.110	F23	7960
		45.475/1.7904	50.025/1.9695				



25	Engine	Year	Cyl	Bore x Stroke	25
	1AZ-FE 1998cc Inline4 DOHC 4v	07/2000 - On	L4	86.0mm x 86.0mm	
	2AZ-FE 2362cc Inline4 DOHC 4v	06/2000 - On	L4	88.5mm x 96.0mm	
	2AZ-FXE 2362cc Inline4 DOHC 4v	01/2007 - On	L4	88.5mm x 96.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8411A STD, .25, .50, .75, 1.00		47.990/1.8894	51.000/2.0079	1.490/.0587	15.60/.614	F810	8411A
		48.000/1.8898	51.020/2.0087				IH
RACE SERIES							
4B8411H STD, .025, .25		47.990/1.8894	51.000/2.0079	1.490/.0587	15.60/.614	F781	8411H
		48.000/1.8898	51.020/2.0087				IH
RACE SERIES							
4B8411HX STD		<i>0.001" extra oil clearance on STD journal.</i>		1.477/.0581	15.60/.614	F781	8411HX
		47.990/1.8894	51.000/2.0079				IH
		48.000/1.8898	51.020/2.0087				
MAINS							
5M8412A STD, .25, .50, .75, 1.00	1,2,3,4,5	54.988/2.1649	59.000/2.3228	1.996/.0786	17.00/.669	F810	8412A
		55.000/2.1654	59.016/2.3235				UL
RACE SERIES							
5M8412H STD, .025, .25	1,2,3,4,5	54.988/2.1649	59.000/2.3228	1.996/.0786	17.00/.669	F780	8412H
		55.000/2.1654	59.016/2.3235				UL
RACE SERIES							
5M8412HX STD	1,2,3,4,5	54.988/2.1649	59.000/2.3228	1.983/.0781	17.00/.669	F780	8412HX
		55.000/2.1654	59.016/2.3235				UL
THRUST							
1T8412 STD		60.500/2.3819	77.750/3.0610		1.98/.078	F817	8412T
		60.750/2.3917	78.000/3.0709				U
CAMS							
1C8415A STD		35.971/1.4162	40.000/1.5748	2.004/.0789	22.60/.890	F810	8415A
		35.985/1.4167	40.025/1.5758				U
		35.971/1.4162	40.000/1.5748	2.004/.0789	23.60/.929	F810	8417A
		35.985/1.4167	40.025/1.5758				L
BALANCE							
4BS8416A STD		22.985/.9049	26.000/1.0236	1.498/.0590	22.10/.870	F810	8416A
		23.000/.9055	26.018/1.0243				IH

26	Engine	Year	Cyl	Bore x Stroke	26
	1ZR-FE 1598cc Inline4 DOHC 4v	01/2007 - On	L4	80.5mm x 78.5mm	
	2ZR-FE 1797cc Inline4 DOHC 4v	01/2007 - On	L4	80.5mm x 88.3mm	
	2ZR-FXE 1797cc Inline4 DOHC 4v	07/2009 - On	L4	80.5mm x 88.3mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8450A STD, .25, .50, .75				1.493/.0588	14.50/.571	F810	8450A
							IH
MAINS							
5M8458A STD, .25, .50, .75	1,2,3,4,5			1.997/.0786	17.20/.677	F810	8458A
							UL
THRUST							
1T1853 STD		53.600/2.1102	69.550/2.7382		2.48/.098	F817	1853T
		53.850/2.1201	69.800/2.7480				IH

27	Engine	Year	Cyl	Bore x Stroke	27
	3ZR-FAE 1986cc Inline4 DOHC 4v	01/2007 - On	L4	80.5mm x 97.6mm	
	3ZR-FE 1986cc Inline4 DOHC 4v	01/2007 - On	L4	80.5mm x 97.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8451A STD, .25, .50, .75						F810	8451A
							IH

27 Continued ... 27

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M8458A STD, .25, .50, .75	MAINS						
	1,2,3,4,5			1.997/.0786	17.20/.677	F810	8458A UL
1T1853 STD	THRUST						
		53.600/2.1102 53.850/2.1201	69.550/2.7382 69.800/2.7480		2.48/.098	F817	1853T IH

28 Engine Year Cyl Bore x Stroke 28

2GR-FE 3456cc V6 DOHC 4v				01/2005 - On	V6	94.0mm x 83.0mm	
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B8466A STD, .25, .50, .75, 1.00	CONROD	<i>No notch.</i>					
		52.980/2.0858 53.000/2.0866	56.000/2.2047 56.020/2.2055	1.490/.0587	15.00/.591	F810	8466A IH
RACE SERIES 6B8466H STD, .025, .25	CONROD	<i>No notch.</i>					
		52.980/2.0858 53.000/2.0866	56.000/2.2047 56.020/2.2055	1.490/.0587	15.00/.591	F781	8466H IH
RACE SERIES 6B8466HX STD	CONROD	<i>No notch. 0.001" extra oil clearance on STD journal.</i>					
		52.980/2.0858 53.000/2.0866	56.000/2.2047 56.020/2.2055	1.477/.0581	15.00/.591	F781	8466HX IH
4M8468A STD, .25, .50, .75, 1.00	MAINS						
	1,4		66.000/2.5984 66.020/2.5992	2.497/.0983	21.00/.827	F810	8468A UL
	2,3		66.000/2.5984 66.020/2.5992	2.497/.0983	18.00/.709	F810	8469A UL
RACE SERIES 4M8468H STD, .025, .25	MAINS						
	1,4	60.988/2.4011 61.000/2.4016	66.000/2.5984 66.020/2.5992	2.497/.0983	21.00/.827	F780	8468H UL
	2,3	60.988/2.4011 61.000/2.4016	66.000/2.5984 66.020/2.5992	2.497/.0983	18.00/.709	F780	8469H UL
RACE SERIES 4M8468HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
	1,4	60.988/2.4011 61.000/2.4016	66.000/2.5984 66.020/2.5992	2.484/.0978	21.00/.827	F780	8468HX UL
	2,3	60.988/2.4011 61.000/2.4016	66.000/2.5984 66.020/2.5992	2.484/.0978	18.00/.709	F780	8469HX UL
2T8468 STD	THRUST						
		68.050/2.6791 68.300/2.6890	91.450/3.6004 91.700/3.6102		2.44/.096	F817	8468T IH

29 Engine Year Cyl Bore x Stroke 29

7K 1762cc Inline4 OHV 2v				01/1983 - 12/1998	L4	81.0mm x 85.5mm	
7K-E 1762cc Inline4 OHV 2v				01/1997 - On	L4	81.0mm x 85.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1680A STD, .25, .50, .75, 1.00, 1.25	CONROD						
		47.988/1.8893 48.000/1.8898	51.000/2.0079 51.024/2.0088	1.490/.0587	17.10/.673	F810	1680A IH
5M1103A STD, .25, .50, .75, 1.00, 1.25	MAINS	<i>Half grooved bearing set, with upper & lower.</i>					
	1,2,3,4,5	49.976/1.9676 50.000/1.9685	54.000/2.1260 54.028/2.1271	1.996/.0786	20.90/.823	F810	1102A U
	1,2,3,4,5	49.976/1.9676 50.000/1.9685	54.000/2.1260 54.028/2.1271	1.996/.0786	20.90/.823	F810	1103A L
2T8382 STD	THRUST						
		55.560/2.1874 55.820/2.1976	67.560/2.6598 67.820/2.6701		2.48/.098	F817	8382T UL
4C8066 STD	CAMS						
	1	43.209/1.7011 43.225/1.7018	48.000/1.8898 48.025/1.8907	2.385/.0939	17.90/.705	F23	8066



29 Continued ...							29
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4C8066 STD	2	42.959/1.6913 42.975/1.6919	47.500/1.8701 47.525/1.8711	2.260/.0890	17.90/.705	F23	8067
	3	42.709/1.6815 42.725/1.6821	47.000/1.8504 47.025/1.8514	2.133/.0840	17.90/.705	F23	8068
	4	42.459/1.6716 42.475/1.6722	46.500/1.8307 46.525/1.8317	2.006/.0790	17.90/.705	F23	8069

30 Engine	Year	Cyl	Bore x Stroke	30
1VD-FTV 4461cc V8 DOHC 4v Turbo Diesel	03/2007 - On	V8	86.0mm x 96.0mm	
1VD-FTV 4461cc V8 DOHC 4v Twin Turbo Diesel	09/2007 - On	V8	86.0mm x 96.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
8B8250P STD, .25, .50		54.982/2.1646 55.000/2.1654	58.000/2.2835 58.012/2.2839	1.490/.0587	17.50/.689	F781	8250 IH
	MAINS						
5M8254P STD, .25, .50	1,3	74.982/2.9520 75.000/2.9528	79.000/3.1102 79.020/3.1110	1.988/.0783	22.50/.886	F780	8255 UL
	2,4,5	74.982/2.9520 75.000/2.9528	79.000/3.1102 79.020/3.1110	1.988/.0783	20.50/.807	F780	8254 UL
	THRUST						
1T8254 STD						F817	8254T
PISTON PIN BUSH							
RB4143 UNB			32.000/1.2598 32.020/1.2606	1.800/.0709	24.50/.965	F100	RB4143

31 Engine	Year	Cyl	Bore x Stroke	31
2GR-FSE 3456cc V6 DOHC 4v	01/2005 - On	V6	94.0mm x 83.0mm	
3GR-FE 2994cc V6 DOHC 4v	01/2003 - On	V6	87.5mm x 83.0mm	
3GR-FSE 2994cc V6 DOHC 4v	01/2003 - On	V6	87.5mm x 83.0mm	
4GR-FSE 2499cc V6 DOHC 4v	01/2003 - On	V6	83.0mm x 77.0mm	
5GR-FE 2497cc V6 DOHC 4v	01/2005 - On	V6	87.5mm x 69.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
THRUST							
2T8468 STD		68.050/2.6791 68.300/2.6890	91.450/3.6004 91.700/3.6102		2.44/.096	F817	8468T IH

32 Engine	Year	Cyl	Bore x Stroke	32
4A-GE (20v) 1587cc Inline4 DOHC 5v	01/1991 - 12/1995	L4	81.0mm x 77.0mm	
4A-GE 1587cc Inline4 DOHC 4v	01/1985 - 08/1994	L4	81.0mm x 77.0mm	
4A-GZE 1587cc Inline4 DOHC 4v Supercharged	05/1987 - 01/1989	L4	81.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1780A STD, .25, .50, .75		41.985/1.6529 42.000/1.6535	45.000/1.7717 45.024/1.7726	1.490/.0587	17.10/.673	F810	1780A IH
	RACE SERIES						
4B1780H STD, .025, .25, .50		41.985/1.6529 42.000/1.6535	45.000/1.7717 45.024/1.7726	1.487/.0585	17.10/.673	F781	1780H IH
	RACE SERIES						
4B1780HX STD		41.985/1.6529 42.000/1.6535	45.000/1.7717 45.024/1.7726	1.474/.0580	17.10/.673	F781	1780HX IH
	CONROD						
4B1780P STD, .25, .50, .75, 1.00		41.985/1.6529 42.000/1.6535	45.000/1.7717 45.024/1.7726	1.490/.0587	17.10/.673	F780	1780 IH

32 Continued ...							32		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
MAINS		<i>Half groove set.</i>							
5M1695A STD, .25, .50, .75, 1.00	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/.0789	19.90/.784	F810	1704A U		
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/.0789	19.90/.784	F810	1695A L		
RACE SERIES		MAINS							
5M1695H STD, .025, .25, .50	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.001/.0788	19.90/.783	F780	1695H L		
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.001/.0788	19.90/.783	F780	1704H U		
RACE SERIES		MAINS							
5M1695HX STD	<i>0.001" extra oil clearance on STD journal.</i>								
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	1.988/.0783	19.90/.783	F780	1695HX L		
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	1.988/.0783	19.90/.783	F780	1704HX U		
THRUST									
2T1695 STD	53.500/2.1063 53.750/2.1161		65.750/2.5886 66.000/2.5984		2.49/.098		F817	1695T UL	
	PISTON PIN BUSH		<i>Set of 4.</i>						
4RB4246 UNB	19.900/.7835 20.000/.7874		22.000/.8661 22.030/.8673		1.030/.0406		22.00/.866	F100	4RB4246
	PISTON PIN BUSH		<i>Single piece.</i>						
RB4246 UNB	19.900/.7835 20.000/.7874		22.000/.8661 22.030/.8673		1.030/.0406		22.00/.866	F100	RB4246

33 Engine				Year	Cyl	Bore x Stroke	33			
4U-GSE (FA20) 1998cc Flat4 DOHC 4v				07/2012 - On	H4	86.0mm x 86.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.			
RACE SERIES		CONROD								
4B8310H STD, .025, .25	<i>0.001" extra oil clearance on STD journal.</i>									
	49.976/1.9676 50.000/1.9685		53.000/2.0866 53.024/2.0876		1.504/.0592		15.60/.614	F781	8310H IH	
RACE SERIES		CONROD								
4B8310HX STD	<i>0.001" extra oil clearance on STD journal.</i>									
	49.976/1.9676 50.000/1.9685		53.000/2.0866 53.024/2.0876		1.491/.0587		17.00/.669	F781	8310HX IH	
4B8310P STD, .25, .50		49.976/1.9676 50.000/1.9685		53.000/2.0866 53.024/2.0876		1.504/.0592		15.50/.610	F780	8310 IH
5M8312A STD, .25, .50		MAINS								
						F810	8312A U			
						F810	8313A L			
						F810	8314A(F) U			

34 Engine				Year	Cyl	Bore x Stroke	34			
1ND-TV 1364cc Inline4 SOHC 2v Turbo Diesel				01/2002 - On	L4	73.0mm x 81.5mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.			
4B8224A STD, .25, .50, .75, 1.00, 1.25		CONROD								
<i>To suit 40mm Journal.</i>										
		43.000/1.6929 43.020/1.6937		1.495/.0589		13.63/.537	F810	8224A IH		
4B8225A STD, .25, .50, .75, 1.00, 1.25		CONROD								
<i>To suit 44mm Journal.</i>										
		47.000/1.8504 47.020/1.8512		1.495/.0589		15.60/.614	F810	8225A IH		
5M8226A STD, .25, .50, .75, 1.00, 1.25		MAINS								
<i>Same as 5M8214A but with no notch.</i>										
1,2,3,4,5		46.000/1.8110 46.012/1.8115		50.000/1.9685 50.016/1.9691		2.000/.0787		16.00/.630	F810	8226A UL



34 Continued ... 34

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
THRUST							
1T1853 STD		53.600/2.1102 53.850/2.1201	69.550/2.7382 69.800/2.7480		2.48/.098	F817	1853T IH

35 Engine 35

2NR-FE 1495cc Inline4 DOHC 4v			Year 10/2010 - On	Cyl L4	Bore x Stroke		
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8402A STD, .25, .50, .75, 1.00				1.495/.0589	13.90/.547	F810	8402A IH
MAINS							
5M8404A STD, .25, .50, .75, 1.00	1,2,3,4,5		52.000/2.0472	1.990/.0783	15.00/.591	F810	8404A UL
MAINS							
<i>Contains one set of 1T8404-STD for all sizes.</i>							
5M8404A+2T STD, .25, .50, .75, 1.00			68.000/2.6772		1.95/.077	F817	8404T U
	1,2,3,4,5		52.000/2.0472	1.990/.0783	15.00/.591	F810	8404A UL
THRUST							
1T8404 STD			68.000/2.6772		1.95/.077	F817	8404T U

36 Engine 36

3SZ-VE 1495cc Inline4 DOHC 4v			Year 11/2005 - On	Cyl L4	Bore x Stroke 72.0mm x 91.8mm		
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8436A STD, .25, .50, .75			45.000/1.7717 45.020/1.7724	1.492/.0587	13.00/.512	F810	8436A IH
MAINS							
5M8438A STD, .25, .50, .75, 1.00	1,2,3,4,5	45.989/1.8106 46.000/1.8110	50.000/1.9685 50.018/1.9692	1.992/.0784	14.90/.587	F810	8438A UL
THRUST							
1T8438 STD						F817	8438T U

37 Engine 37

1AR-FE 2672cc Inline4 DOHC 4v			Year 01/2008 - On	Cyl L4	Bore x Stroke 90.0mm x 105.0mm		
2AR-FE 2494cc Inline4 DOHC 4v			Year 01/2008 - On	Cyl L4	Bore x Stroke 90.0mm x 98.0mm		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8428A STD, .25, .50, .75, 1.00				1.490/.0587	17.00/.669	F810	8428A IH
MAINS							
5M8429A STD, .25, .50, .75, 1.00	1,2,3,4,5					F810	8429A UL
THRUST							
1T8429 STD			74.000/2.9134		1.98/.078	F817	8429T U

38 Engine 38

1KR-FE 996cc Inline3 DOHC 4v			Year 07/2005 - On	Cyl L4	Bore x Stroke 71.0mm x 84.0mm		
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
3B8421A STD, .25, .50, .75, 1.00			43.000/1.6929 43.020/1.6937	1.500/.0591	13.60/.535	F810	8421A IH

38 Continued ... 38

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4M8424A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4			1.995/.0785	14.90/.587	F810	8424A UL
1T8424 STD	THRUST					F817	8424T IH

39 Engine Year Cyl Bore x Stroke 39
1CD-FTV 1995cc Inline 4 DOHC 4v Turbo Diesel 08/1999 - 12/2008 L4 82.2mm x 94.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8407A STD, .25, .50, .75, 1.00	CONROD		53.500/2.1063 53.500/2.1063	1.480/.0583	21.10/.831	F810	8407A IH
5M8409A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5			2.485/.0978	23.80/.937	F810	8409A UL

40 Engine Year Cyl Bore x Stroke 40
1SZ-FE 998cc Inline4 DOHC 4v 10/1998 - 07/2005 L4 69.0mm x 66.7mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8155A STD, .25, .50, .75, 1.00	CONROD		38.000/1.4961 38.010/1.4965	1.494/.0588	13.00/.512	F810	8155A IH
5M8184A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5			1.995/.0785	14.80/.583	F810	8184A UL
5M8185A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5			1.995/.0785	14.80/.583	F810	8185A UL
1T8126 STD	THRUST	52.250/2.0571 52.500/2.0669	62.750/2.4705 63.000/2.4803		1.99/.078	F817	8126T IH

41 Engine Year Cyl Bore x Stroke 41
1W 4009cc Inline4 OHV 2v Diesel 01/1983 - 12/1995 L4 104.0mm x 118.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8435P STD, .25, .50, .75, 1.00	CONROD	61.940/2.4386 61.960/2.4394	65.985/2.5978 66.000/2.5984	1.997/.0786	28.13/1.108	F780	8435 UL
5M8439P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	72.940/2.8716 72.960/2.8724		2.493/.0981	25.13/.989	F780	8439 IH
2T8439 STD, .125, .25	THRUST		98.900/3.8937 99.000/3.8976		2.50/.098	F817	8439T UL
3C8230A STD	CAMS						
	1	56.950/2.2421 56.970/2.2429	60.000/2.3622 60.030/2.3634	1.500/.0591	27.00/1.063	F820	8230A
	2	56.750/2.2342 56.770/2.2350	59.800/2.3543 59.830/2.3555	1.500/.0591	27.00/1.063	F820	8231A
	3	56.550/2.2264 56.570/2.2272	59.600/2.3465 59.630/2.3476	1.500/.0591	27.00/1.063	F820	8232A
4RB4256 UNB	PISTON PIN BUSH	34.990/1.3776 35.000/1.3780	39.000/1.5354 39.030/1.5366	2.040/.0803	38.00/1.496	F100	4RB4256



41 Continued ...							41
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

PISTON PIN BUSH							
RB4256 UNB		34.900/1.3740 35.000/1.3780	39.000/1.5354 39.030/1.5366	2.040/.0803	38.00/1.496	F100	RB4256

42 Engine		Year	Cyl	Bore x Stroke	42		
1DZ 2486cc (Forklift) Inline4 OHV 2v Diesel		01/1990 - On	L4	86.0mm x 107.0mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B8486A STD, .25, .50, .75, 1.00		50.480/1.9874 50.500/1.9882	53.500/2.1063 53.520/2.1071	1.478/.0582	20.40/.803	F810	8486A IH
MAINS 16.3mm wide.							
5M8487A STD, .25, .50, .75, 1.00	1,2,3,4,5	64.990/2.5587 65.000/2.5591	69.000/2.7165 69.020/2.7173	1.983/.0781	16.30/.642	F810	8487A UL
MAINS 18.3mm wide.							
5M8488A STD, .25, .50, .75, 1.00	1,2,3,4,5			1.983/.0781	18.30/.721	F810	8488A UL
THRUST							
2T8397 STD		73.450/2.8917 73.700/2.9016	86.450/3.4035 86.700/3.4134		2.98/.117	F817	8397T UL
THRUST							
2T8488 STD					1.98/.078	F817	8488T UL
CAMS							
3C8490A STD	1	47.160/1.8567	51.000/2.0079 51.030/2.0091	1.900/.0748	23.00/.906	F820	8490A
	2	46.960/1.8488	50.800/2.0000 50.830/2.0012	1.900/.0748	20.00/.787	F820	8491A
	3	46.760/1.8409	51.000/2.0079 51.030/2.0091	2.100/.0827	20.00/.787	F820	8492A
PISTON PIN BUSH Set of 4.							
4RB4258 UNB		30.000/1.1811 27.000/1.0630		1.530/.0602	27.30/1.075	F100	4RB4258
PISTON PIN BUSH							
RB4258 UNB			30.000/1.1811 30.030/1.1823	1.530/.0602	27.30/1.075	F100	RB4258

43 Engine		Year	Cyl	Bore x Stroke	43		
1G-EU 1988cc Inline6 SOHC 2v		01/1979 - 04/1988	L6	75.0mm x 75.0mm			
1G-GEU 1988cc Inline6 DOHC 4v		08/1982 - 04/1988	L6	75.0mm x 75.0mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD To suit 42mm shaft, up to 7/1988.							
6B8470A STD, .25, .50, .75, 1.00		41.980/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.498/.0590	18.90/.744	F810	8470A IH
MAINS Suits up to 2/1985.							
7M8474A STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	54.980/2.1646 55.000/2.1654	59.020/2.3236 59.040/2.3244	2.000/.0787	19.20/.756	F810	8474A UL
MAINS Suits from 3/1985 on.							
7M8475A STD, .25, .50, .75, 1.00	1	54.980/2.1646 55.000/2.1654	59.020/2.3236 59.040/2.3244	2.000/.0787	22.20/.874	F810	8475A UL
	2,3,4,5,6,7	54.980/2.1646 55.000/2.1654	59.020/2.3236 59.040/2.3244	2.000/.0787	19.20/.756	F810	8474A UL
THRUST							
2T8474 STD, .25	4	60.500/2.3819 60.750/2.3917	73.000/2.8740		1.99/.078	F817	8474T UL
PISTON PIN BUSH Set of 6. To suit 18mm shaft, up to 9/1985.							
6RB4239 UNB		18.000/.7087 18.011/.7091	20.000/.7874 22.030/.8673	1.030/.0406	25.00/.984	F100	6RB4239

43 Continued ... 43

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6RB4240 UNB	PISTON PIN BUSH	<i>Set of 6. To suit 22mm shaft, 10/1985-7/1988.</i>		24.000/.9449	1.030/.0406	20.30/.799	F100 6RB4240
RB4239 UNB	PISTON PIN BUSH	<i>Single piece. To suit 18mm shaft, up to 9/1985.</i>		18.000/.7087 18.011/.7091	20.000/.7874 22.030/.8673	1.030/.0406	25.00/.984 F100 RB4239
RB4240 UNB	PISTON PIN BUSH	<i>Single piece. To suit 22mm shaft, 10/1985-7/1988.</i>		24.000/.9449	1.030/.0406	20.30/.799	F100 RB4240

44 Engine Year Cyl Bore x Stroke 44

1G-GE 1988cc Inline6 DOHC 4v 05/1988 - 12/1993 L6 75.0mm x 75.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B8471A STD, .25, .50, .75, 1.00	CONROD	<i>To suit 44mm shaft, 8/1988 on</i>		43.990/1.7319 44.000/1.7323	47.000/1.8504 47.020/1.8512	1.492/.0587	17.18/.676 F810 8471A IH
6B8471P STD, .25, .50, .75, 1.00	CONROD	<i>To suit 44mm shaft, 8/1988 on.</i>		43.990/1.7319 44.000/1.7323	47.000/1.8504 47.020/1.8512	1.492/.0587	17.18/.676 F780 8471 IH
7M8475A STD, .25, .50, .75, 1.00	MAINS	<i>Suits from 3/1985 on.</i>		54.980/2.1646 55.000/2.1654	59.020/2.3236 59.040/2.3244	2.000/.0787	22.20/.874 F810 8475A UL
	1			54.980/2.1646 55.000/2.1654	59.020/2.3236 59.040/2.3244	2.000/.0787	19.20/.756 F810 8474A UL
	2,3,4,5,6,7			54.980/2.1646 55.000/2.1654	59.020/2.3236 59.040/2.3244	2.000/.0787	19.20/.756 F810 8474A UL
2T8474 STD, .25	THRUST	4	60.500/2.3819 60.750/2.3917	73.000/2.8740		1.99/.078	F817 8474T UL
6RB4241 UNB	PISTON PIN BUSH	<i>Set of 6. To suit 20mm shaft, 8/1988 on.</i>		19.980/.7866 20.000/.7874	22.000/.8661 22.030/.8673	1.030/.0406	23.30/.917 F100 6RB4241
RB4241 UNB	PISTON PIN BUSH	<i>Single piece. To suit 20mm shaft, 8/1988 on.</i>		22.000/.8661	1.030/.0406	23.30/.917	F100 RB4241

45 Engine Year Cyl Bore x Stroke 45

1N 1453cc Inline4 SOHC 2v Diesel 12/1986 - 07/1999 L4 74.0mm x 84.5mm

1N-T 1453cc Inline4 SOHC 2v Turbo Diesel 05/1988 - 07/1999 L4 74.0mm x 84.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8364A STD, .25, .50, .75, 1.00	CONROD	43.980/1.7315 44.000/1.7323	47.014/1.8509 47.040/1.8520	1.492/.0587	17.90/.705	F810	8364A IH
5M8368A STD, .25, .50, .75, 1.00	MAINS	1,2,3,4,5	49.980/1.9677 50.000/1.9685	54.036/2.1274 54.060/2.1283	2.008/.0791	18.00/.709	F810 8368A UL
2T8382 STD	THRUST		55.560/2.1874 55.820/2.1976	67.560/2.6598 67.820/2.6701		2.48/.098	F817 8382T UL
4RB4254 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		26.500/1.0433 26.530/1.0445	1.540/.0606	23.50/.925	F100 4RB4254
RB4254 UNB	PISTON PIN BUSH			26.500/1.0433 26.530/1.0445	1.540/.0606	23.50/.925	F100 RB4254



46	Engine	Year	Cyl	Bore x Stroke	46
	3P 1345cc Inline4 2v	05/1967 - 08/1981	L4	76.6mm x 73.0mm	
	4P 1493cc Inline4 2v	09/1971 - 08/1988	L4	76.6mm x 81.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B8479A STD, .25, .50, .75, 1.00		46.970/1.8492	56.000/2.2047	1.504/.0592	23.00/.906	F810	8479A IH	
		47.000/1.8504	50.040/1.9701					
5M8480A STD, .25, .50, .75, 1.00	1,2,3,4,5	51.970/2.0461	56.000/2.2047	2.004/.0789	29.00/1.142	F810	8480A UL	
		52.000/2.0472	56.040/2.2063					
2T8480 STD	THRUST	56.750/2.2342	69.500/2.7362		2.48/.098	F817	8480T UL	
		57.000/2.2441	69.750/2.7461					
3C8482A STD	CAMS	1	46.970/1.8492	51.000/2.0079	2.000/.0787	24.00/.945	F820	8482A
			46.975/1.8494	51.030/2.0091				
		2	46.770/1.8413	51.000/2.0079	2.100/.0827	20.00/.787	F820	8483A
			46.775/1.8415	51.030/2.0091				
3	46.570/1.8335	51.000/2.0079	2.200/.0866	24.00/.945	F820	8484A		
	46.575/1.8337	51.030/2.0091						
4RB4255 UNB	PISTON PIN BUSH	Set of 4.		22.000/.8661	1.030/.0406	24.00/.945	F100	4RB4255
RB4255 UNB	PISTON PIN BUSH			22.000/.8661	1.030/.0406	24.00/.945	F100	RB4255
				22.050/.8681				

47	Engine	Year	Cyl	Bore x Stroke	47
	2SZ-FE 1297cc Inline4 DOHC 4v	01/2002 - On	L4	72.0mm x 79.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
MAINS <i>Bearings have no notch and two oil holes.</i>								
5M8185A STD, .25, .50, .75, 1.00	1,2,3,4,5			50.000/1.9685	1.995/.0785	14.80/.583	F810	8185A UL
				50.020/1.9693				
1T8126 STD	THRUST	52.250/2.0571	62.750/2.4705		1.99/.078	F817	8126T IH	
		52.500/2.0669	63.000/2.4803					

48	Engine	Year	Cyl	Bore x Stroke	48
	1Z 2953cc (Forklift) Inline4 OHV 2v Diesel	01/1990 - On	L4	96.0mm x 102.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8493A STD, .25, .50, .75, 1.00		54.980/2.1646	58.000/2.2835	1.485/.0585	25.60/1.008	F810	8493A IH
		55.000/2.1654	58.020/2.2842				
5M8494A STD, .25, .50, .75, 1.00	1,2,3,4,5	73.990/2.9130	78.000/3.0709	1.985/.0781	25.60/1.008	F810	8494A UL
		74.000/2.9134	78.020/3.0716				
2T8494 STD, .25, .50, .75	THRUST	82.000/3.2283	95.750/3.7697		2.48/.098	F817	8494T UL
		82.250/3.2382	96.000/3.7795				
3C8448A STD	CAMS	1	51.150/2.0138	2.000/.0787	22.00/.866	F820	8496A
			50.950/2.0059	2.000/.0787	20.00/.787	F820	8448A
		3	50.750/1.9980	2.100/.0827	24.00/.945	F820	8449A
3C8496A STD	CAMS	1	51.150/2.0138	2.000/.0787	22.00/.866	F820	8496A

48 Continued ...							48
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
3C8496A STD	2	50.950/2.0059		2.100/.0827	22.00/.866	F820	8497A
	3	50.750/1.9980		2.300/.0906	24.00/.945	F820	8498A
4RB4259 UNB	PISTON PIN BUSH <i>Set of 4.</i>		36.000/1.4173 36.030/1.4185		31.00/1.221	F100	4RB4259
	PISTON PIN BUSH		36.000/1.4173 36.030/1.4185	2.030/.0799	31.00/1.221	F100	RB4259

49 Engine				Year	Cyl	Bore x Stroke	49
2Z 3469cc (Forklift) Inline4 OHV 2v Diesel				01/1994 - On	L4	98.0mm x 115.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8493A STD, .25, .50, .75, 1.00	CONROD		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.485/.0585	25.60/1.008	F810 8493A IH
	5M8495A STD, .25, .50, .75, 1.00	MAINS		73.990/2.9130 74.000/2.9134	78.000/3.0709 78.020/3.0716	1.985/.0781	22.50/.886
2T8494 STD, .25, .50, .75		THRUST		82.000/3.2283 82.250/3.2382	95.750/3.7697 96.000/3.7795		2.48/.098

50 Engine				Year	Cyl	Bore x Stroke	50
11Z 4429cc (Forklift) Inline6 OHV 2v Diesel				01/1990 - On	L6	96.0mm x 102.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B8493A STD, .25, .50, .75, 1.00	CONROD		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.485/.0585	25.60/1.008	F810 8493A IH
	7M8494A STD, .25, .50, .75, 1.00	MAINS		73.990/2.9130 74.000/2.9134	78.000/3.0709 78.020/3.0716	1.985/.0781	25.60/1.008
2T8494 STD, .25, .50, .75		THRUST		82.000/3.2283 82.250/3.2382	95.750/3.7697 96.000/3.7795		2.48/.098
	4C8499A STD	CAMS		51.350/2.0216		2.000/.0787	24.00/.945
2			51.150/2.0138		2.000/.0787	22.00/.866	F820 8496A
3			50.950/2.0059		2.100/.0827	22.00/.866	F820 8497A
4			50.750/1.9980		2.300/.0906	24.00/.945	F820 8498A
6RB4259 UNB	PISTON PIN BUSH <i>Set of 6.</i>		36.000/1.4173 36.030/1.4185		2.030/.0799	31.00/1.221	F100 6RB4259
	PISTON PIN BUSH		36.000/1.4173 36.030/1.4185	2.030/.0799	31.00/1.221	F100	RB4259



51	Engine	Year	Cyl	Bore x Stroke	51		
	13Z 4616cc (Forklift) Inline6 OHV 2v Diesel	01/1996 - On	L6	98.0mm x 115.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
6B8493A STD, .25, .50, .75, 1.00		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.485/.0585	25.60/1.008	F810	8493A IH
	MAINS						
7M8495A STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	73.990/2.9130 74.000/2.9134	78.000/3.0709 78.020/3.0716	1.985/.0781	22.50/.886	F810	8495A UL
52	Engine	Year	Cyl	Bore x Stroke	52		
	1GR-FE 3995cc V6 DOHC 4v	02/2003 - On	V6	94.0mm x 95.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
6B8262A STD, .25, .50, .75, 1.00		55.992/2.2044 56.000/2.2047	59.000/2.3228 59.024/2.3238	1.492/.0587	16.00/.630	F810	8262A IH
	MAINS						
4M8263A STD, .25, .50, .75	1,4	71.988/2.8342 72.000/2.8346	77.000/3.0315 77.016/3.0321	2.497/.0983	22.40/.882	F810	8263A UL
	2,3	71.988/2.8342 72.000/2.8346	77.000/3.0315 77.016/3.0321	2.497/.0983	19.00/.748	F810	8264A UL
	THRUST						
2T8263 STD	2	79.250/3.1201 79.500/3.1299	94.700/3.7283 94.950/3.7382		1.97/.078	F817	8263T UL
53	Engine	Year	Cyl	Bore x Stroke	53		
	1G-FE 1988cc Inline6 DOHC 4v	01/1988 - 12/2005	L6	75.0mm x 75.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
6B8470A STD, .25, .50, .75, 1.00		<i>To suit 42mm shaft, up to 7/1988.</i>					
		41.980/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.498/.0590	18.90/.744	F810	8470A IH
	CONROD						
6B8471A STD, .25, .50, .75, 1.00		<i>To suit 44mm shaft, 8/1988 on</i>					
		43.990/1.7319 44.000/1.7323	47.000/1.8504 47.020/1.8512	1.492/.0587	17.18/.676	F810	8471A IH
	CONROD						
6B8471P STD, .25, .50, .75, 1.00		<i>To suit 44mm shaft, 8/1988 on.</i>					
		43.990/1.7319 44.000/1.7323	47.000/1.8504 47.020/1.8512	1.492/.0587	17.18/.676	F780	8471 IH
	MAINS						
7M8475A STD, .25, .50, .75, 1.00	1	54.980/2.1646 55.000/2.1654	59.020/2.3236 59.040/2.3244	2.000/.0787	22.20/.874	F810	8475A UL
	2,3,4,5,6,7	54.980/2.1646 55.000/2.1654	59.020/2.3236 59.040/2.3244	2.000/.0787	19.20/.756	F810	8474A UL
	THRUST						
2T8474 STD, .25	4	60.500/2.3819 60.750/2.3917	73.000/2.8740		1.99/.078	F817	8474T UL
	PISTON PIN BUSH						
6RB4240 UNB		<i>Set of 6. To suit 22mm shaft, 10/1985-7/1988.</i>					
			24.000/.9449	1.030/.0406	20.30/.799	F100	6RB4240
	PISTON PIN BUSH						
6RB4241 UNB		<i>Set of 6. To suit 20mm shaft, 8/1988 on.</i>					
		19.980/.7866 20.000/.7874	22.000/.8661 22.030/.8673	1.030/.0406	23.30/.917	F100	6RB4241
	PISTON PIN BUSH						
RB4240 UNB		<i>Single piece. To suit 22mm shaft, 10/1985-7/1988.</i>					
			24.000/.9449	1.030/.0406	20.30/.799	F100	RB4240
	PISTON PIN BUSH						
RB4241 UNB		<i>Single piece. To suit 20mm shaft, 8/1988 on.</i>					
			22.000/.8661	1.030/.0406	23.30/.917	F100	RB4241



54 Engine		Year		Cyl	Bore x Stroke	54	
1UZ-FE 3969cc V8 DOHC 4v		01/1990 - 11/2000		V8	88.0mm x 83.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 8B8091H STD, .025, .25, .50	CONROD	51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.496/.0589	19.50/.768	F781	8091H IH
RACE SERIES 8B8091HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.483/.0584	19.50/.768	F781	8091HX IH
8B8091P STD, .25, .50	CONROD	51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.496/.0589	19.50/.768	F780	8091 IH
RACE SERIES 5M8088H STD, .025, .25, .50	MAINS	<i>This set has no notch, to suit 1UZ, 2UZ, 3UZ.</i>		2.491/.0981	22.50/.886	F780	8088H UL
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/.0981	19.50/.768	F780	8089H UL
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/.0981	19.50/.768	F780	8089H UL
RACE SERIES 5M8088HX STD	MAINS	<i>This set has no notch, to suit 1UZ, 2UZ, 3UZ.</i>		2.478/.0976	22.50/.886	F780	8088HX UL
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/.0976	19.50/.768	F780	8089HX UL
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/.0976	19.50/.768	F780	8089HX UL
5M8088P STD, .25, .50	MAINS	<i>This set has no notch, to suit 1UZ, 2UZ, 3UZ.</i>		2.496/.0983	22.50/.886	F780	8088 UL
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/.0983	19.50/.768	F780	8089 UL
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/.0983	19.50/.768	F780	8089 UL
5M8092A STD, .25, .50	MAINS	<i>This set has a notch, to suit 1UZ only.</i>		2.496/.0983	22.50/.886	F810	8092A UL
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/.0983	19.50/.768	F810	8093A UL
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/.0983	19.50/.768	F810	8093A UL
2T8092 STD	THRUST	73.410/2.8902 73.850/2.9075	89.000/3.5039 89.300/3.5157		2.50/.098	F817	8092T UL
8RB4237 UNB	PISTON PIN BUSH	<i>Set of 8.</i>		24.000/.9449	1.230/.0484	F100	8RB4237
RB4237 UNB	PISTON PIN BUSH			24.000/.9449	1.230/.0484	F100	RB4237

55 Engine		Year		Cyl	Bore x Stroke	55	
2UZ-FE 4664cc V8 DOHC 4v		03/1998 - On		V8			
3UZ-FE 4293cc V8 DOHC 4v		11/2000 - On		V8	91.0mm x 82.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 8B8091H STD, .025, .25, .50	CONROD	51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.496/.0589	19.50/.768	F781	8091H IH
RACE SERIES 8B8091HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.483/.0584	19.50/.768	F781	8091HX IH
8B8091P STD, .25, .50	CONROD	51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.496/.0589	19.50/.768	F780	8091 IH
RACE SERIES 5M8088H STD, .025, .25, .50	MAINS	<i>This set has no notch, to suit 1UZ, 2UZ, 3UZ.</i>		2.491/.0981	22.50/.886	F780	8088H UL
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/.0981	19.50/.768	F780	8088H UL



55 Continued ...							55
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M8088H STD, .025, .25, .50	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/.0981	19.50/.768	F780	8089H UL
RACE SERIES		<i>This set has no notch, to suit 1UZ, 2UZ, 3UZ.</i>					
5M8088HX STD	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/.0976	22.50/.886	F780	8088HX UL
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/.0976	19.50/.768	F780	8089HX UL
MAINS		<i>This set has no notch, to suit 1UZ, 2UZ, 3UZ.</i>					
5M8088P STD, .25, .50	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/.0983	22.50/.886	F780	8088 UL
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/.0983	19.50/.768	F780	8089 UL
THRUST							
2T8092 STD		73.410/2.8902 73.850/2.9075	89.000/3.5039 89.300/3.5157		2.50/.098	F817	8092T UL
PISTON PIN BUSH		<i>Set of 8.</i>					
8RB4237 UNB			24.000/.9449	1.230/.0484	20.80/.819	F100	8RB4237
PISTON PIN BUSH							
RB4237 UNB			24.000/.9449	1.230/.0484	20.80/.819	F100	RB4237

56 Engine	Year	Cyl	Bore x Stroke	56
18R-G 1968cc Inline4 DOHC 2v	01/1971 - 11/1977	L4	88.5mm x 80.0mm	
6R 1707cc Inline4 OHV 2v	01/1968 - 12/1981	L4	86.0mm x 73.5mm	
6R-B 1707cc Inline4 OHV 2v	01/1968 - 12/1981	L4	86.0mm x 73.5mm	
7R 1591cc Inline4 OHV 2v	01/1968 - 12/1971	L4	86.0mm x 68.5mm	
8R 1858cc Inline4 SOHC 2v	01/1968 - 12/1973	L4	86.0mm x 80.0mm	
8R-B 1858cc Inline4 SOHC 2v	01/1969 - 01/1971	L4	86.0mm x 80.0mm	
8R-C 1858cc Inline4 SOHC 2v	01/1969 - 01/1971	L4	86.0mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1701A STD, 010, 020, 030, 040, 060		52.977/2.0857 53.000/2.0866	56.000/2.2047 56.022/2.2056	1.494/.0588	22.00/.866	F810	1701A IH
MAINS		<i>Has integral thrust flanges.</i>					
5M1697A STD, 010, 020, 030, 040, 060	1,2,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	21.97/.865	F810	1697A IH
	3	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	35.98/1.417	F780	1698A(F) IH
CAMS							
4C8076 STD	1(L)	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	28.07/1.105	F820	8077AL(F) L
	1(U)	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F23	8076 IH
	2,3,4	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F23	8076 IH
AUX							
2B58286 STD	1	45.950/1.8091 45.970/1.8098	49.980/1.9677 50.000/1.9685	1.999/.0787	24.69/.972	F23	8286
	2	40.950/1.6122 40.970/1.6130	44.981/1.7709 45.001/1.7717	1.999/.0787	19.91/.784	F23	8287
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4028 UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	27.80/1.095	F100	4RB4028
PISTON PIN BUSH							
RB4028 UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	28.70/1.130	F100	RB4028

57	Engine	Year	Cyl	Bore x Stroke	57
	1Nz-FE 1497cc Inline4 DOHC 4v	09/1999 - On	L4	75.0mm x 84.7mm	
	1Nz-FXE 1497cc Inline4 DOHC 4v	10/2001 - On	L4	75.0mm x 84.7mm	
	2Nz-FE 1299cc Inline4 DOHC 4v	09/1999 - On	L4	75.0mm x 73.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B8210A STD, .25, .50, .75		39.992/1.5745 40.000/1.5748	43.001/1.6929 43.020/1.6937	1.497/.0589	13.60/.535	F810	8210A IH
	MAINS						
5M8214A STD, .25, .50, .75	1,2,3,4,5	46.000/1.8110 46.012/1.8115	50.000/1.9685 50.016/1.9691	1.994/.0785	16.00/.630	F810	8214A UL
	THRUST						
1T1853 STD		53.600/2.1102 53.850/2.1201	69.550/2.7382 69.800/2.7480		2.48/.098	F817	1853T IH

58	Engine	Year	Cyl	Bore x Stroke	58
	1ZZ-FE 1794cc Inline4 DOHC 4v	01/1997 - 12/2007	L4	79.0mm x 91.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B1851A STD, .25, .50, .75		43.993/1.7320 44.000/1.7323	47.000/1.8504 47.023/1.8513	1.496/.0589	15.70/.618	F810	1851A IH
	MAINS						
5M1853A STD, .25, .50, .75	1,2,3,4,5	47.988/1.8893 48.000/1.8898	52.000/2.0472 52.016/2.0479	1.996/.0786	17.00/.669	F810	1853A UL
	THRUST						
1T1853 STD		53.600/2.1102 53.850/2.1201	69.550/2.7382 69.800/2.7480		2.48/.098	F817	1853T IH
	PISTON PIN BUSH	<i>Set of 4.</i>					
4RB4236 UNB			22.000/.8661	1.000/.0394	20.00/.787	F100	4RB4236
	PISTON PIN BUSH						
RB4236			22.000/.8661	1.000/.0394	20.00/.787	F100	RB4236

59	Engine	Year	Cyl	Bore x Stroke	59
	2ZZ-GE 1796cc Inline4 DOHC 4v	11/1999 - 12/2010	L4	82.0mm x 85.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
	CONROD								
4B1856A STD, .25, .50, .75, 1.00		44.992/1.7713 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.492/.0587	16.00/.630	F810	1856A IH		
RACE SERIES 4B1856H STD, .025, .25	CONROD	44.992/1.7713 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.492/.0587	16.00/.630	F781	1856H IH		
RACE SERIES 4B1856HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		44.992/1.7713 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.479/.0582	16.00/.630	F781	1856HX IH
	MAINS								
5M1857A STD, .25, .50, .75, 1.00	1,2,3,4,5	47.988/1.8893 48.000/1.8898	52.000/2.0472 52.016/2.0479	1.996/.0786	17.00/.669	F810	1857A UL		
RACE SERIES 5M1857H Std, .025, .25	MAINS	47.988/1.8893 48.000/1.8898	52.000/2.0472 52.016/2.0479	1.996/.0786	17.00/.669	F780	1857H UL		
RACE SERIES 5M1857HX Std	MAINS	47.988/1.8893 48.000/1.8898	52.000/2.0472 52.016/2.0479	1.983/.0781	17.00/.669	F780	1857HX UL		
	THRUST								
1T1853 STD		53.600/2.1102 53.850/2.1201	69.550/2.7382 69.800/2.7480		2.48/.098	F817	1853T IH		



59 Continued ...							59	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4RB4236 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		22.000/.8661	1.000/.0394	20.00/.787	F100	4RB4236
RB4236	PISTON PIN BUSH		22.000/.8661	1.000/.0394	20.00/.787	F100	RB4236	

60 Engine				Year	Cyl	Bore x Stroke	60
3ZZ-FE 1598cc Inline4 DOHC 4v				01/2003 - On	L4	79.0mm x 71.3mm	
4ZZ-FE 1398cc Inline4 DOHC 4v				01/2003 - On	L4	79.0mm x 71.3mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1851A STD, .25, .50, .75	CONROD	43.993/1.7320	47.000/1.8504	1.496/.0589	15.70/.618	F810	1851A IH
		44.000/1.7323	47.023/1.8513				
5M1853A STD, .25, .50, .75	MAINS 1,2,3,4,5	47.988/1.8893	52.000/2.0472	1.996/.0786	17.00/.669	F810	1853A UL
		48.000/1.8898	52.016/2.0479				
1T1853 STD	THRUST	53.600/2.1102	69.550/2.7382		2.48/.098	F817	1853T IH
		53.850/2.1201	69.800/2.7480				

61 Engine				Year	Cyl	Bore x Stroke	61
1JZ-GE 2492cc Inline6 DOHC 4v				01/1990 - 12/2007	L6	86.0mm x 71.5mm	
1JZ-GTE 2492cc Inline6 DOHC 4v Twin Turbo				01/1990 - 12/2007	L6	86.0mm x 71.5mm	
2JZ-GE 2997cc Inline6 DOHC 4v				01/1990 - 12/2006	L6	86.0mm x 86.0mm	
2JZ-GTE 2997cc Inline6 DOHC 4v Twin Turbo				01/1993 - 12/2006	L6	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B8100A STD, .25	CONROD	51.981/2.0465	55.024/2.1663	1.511/.0595	19.30/.760	F810	8100A IH
		52.000/2.0472	55.042/2.1670				
RACE SERIES 6B8100H STD, .025, .25	CONROD	51.981/2.0465	55.024/2.1663	1.506/.0593	19.30/.760	F781	8100H IH
		52.000/2.0472	55.042/2.1670				
RACE SERIES 6B8100HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.493/.0588	19.30/.760	F781	8100HX IH
		51.981/2.0465	55.024/2.1663				
6B8100P STD, .25	CONROD	51.981/2.0465	55.024/2.1663	1.511/.0595	19.30/.760	F780	8100 IH
		52.000/2.0472	55.042/2.1670				
7M8103A STD, .25	MAINS 1	61.984/2.4403	66.020/2.5992	2.009/.0791	23.00/.906	F810	8104A UL
		62.001/2.4410	66.035/2.5998				
		61.984/2.4403	66.020/2.5992	2.009/.0791	20.00/.787	F810	8103A UL
		62.001/2.4410	66.035/2.5998				
RACE SERIES 7M8103H STD, .025, .25	MAINS 1	61.984/2.4403	66.020/2.5992	2.004/.0789	23.00/.906	F780	8104H UL
		62.001/2.4410	66.035/2.5998				
		61.984/2.4403	66.020/2.5992	2.004/.0789	20.00/.787	F780	8103H UL
		62.001/2.4410	66.035/2.5998				
RACE SERIES 7M8103HX STD	MAINS 1	<i>0.001" extra oil clearance on STD journal.</i>		1.991/.0784	23.00/.906	F780	8104HX UL
		61.984/2.4403	66.020/2.5992				
		61.984/2.4403	66.020/2.5992	1.991/.0784	20.00/.787	F780	8103HX UL
		62.001/2.4410	66.035/2.5998				
7M8103P STD, .25	MAINS 1	61.984/2.4403	66.020/2.5992	2.009/.0791	23.00/.906	F780	8104 UL
		62.001/2.4410	66.035/2.5998				

61 Continued ...							61
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
7M8103P STD, .25	2,3,4,5,6,7	61.984/2.4403	66.020/2.5992	2.009/.0791	20.00/.787	F780	8103 UL
		62.001/2.4410	66.035/2.5998				
2T8103 STD	THRUST	67.350/2.6516	81.350/3.2027		1.97/.078	F817	8103T UL
		67.600/2.6614	81.600/3.2126				
4RB4245 UNB	PISTON PIN BUSH	Set of 4.		1.040/.0409	26.10/1.028	F100	4RB4245
		22.000/.8661	24.000/.9449				
RB4245 UNB	PISTON PIN BUSH	Single piece.		1.050/.0413	26.10/1.028	F100	RB4245
		22.000/.8661	24.000/.9449				
		22.006/.8664	24.030/.9461				

62 Engine		Year	Cyl	Bore x Stroke	62			
1G-GTE 1988cc Inline6 DOHC 4v Twin Turbo		01/1986 - 12/1992	L6	75.0mm x 75.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
6B8471A STD, .25, .50, .75, 1.00	CONROD	To suit 44mm shaft, 8/1988 on		1.492/.0587	17.18/.676	F810	8471A IH	
		43.990/1.7319	47.000/1.8504					
6B8471P STD, .25, .50, .75, 1.00	CONROD	To suit 44mm shaft, 8/1988 on.		1.492/.0587	17.18/.676	F780	8471 IH	
		43.990/1.7319	47.000/1.8504					
6B8472A STD, .25, .50, .75, 1.00	CONROD	To suit 42mm shaft, 10/1985 - 7/1988.		1.492/.0587	18.18/.716	F810	8472A IH	
		41.980/1.6528	45.000/1.7717					
6B8472P STD, .25, .50, .75, 1.00	CONROD	To suit 42mm shaft, 10/1985 - 7/1988.		1.492/.0587	18.18/.716	F780	8472 IH	
		41.980/1.6528	45.000/1.7717					
7M8476A STD, .25	MAINS	1	54.980/2.1646	59.020/2.3236	2.000/.0787	22.20/.874	8476A UL	
			55.000/2.1654	59.040/2.3244				
	2,3,4,5,6,7		54.980/2.1646	59.020/2.3236	2.000/.0787	19.20/.756	F810	8477A UL
			55.000/2.1654	59.040/2.3244				
2T8474 STD, .25	THRUST	4	60.500/2.3819	73.000/2.8740		1.99/.078	8474T UL	
			60.750/2.3917					
6RB4240 UNB	PISTON PIN BUSH	Set of 6. To suit 22mm shaft, 10/1985-7/1988.		1.030/.0406	20.30/.799	F100	6RB4240	
			24.000/.9449					
6RB4241 UNB	PISTON PIN BUSH	Set of 6. To suit 20mm shaft, 8/1988 on.		1.030/.0406	23.30/.917	F100	6RB4241	
		19.980/.7866	22.000/.8661					
RB4240 UNB	PISTON PIN BUSH	Single piece. To suit 22mm shaft, 10/1985-7/1988.		1.030/.0406	20.30/.799	F100	RB4240	
			24.000/.9449					
RB4241 UNB	PISTON PIN BUSH	Single piece. To suit 20mm shaft, 8/1988 on.		1.030/.0406	23.30/.917	F100	RB4241	
			22.000/.8661					

63 Engine		Year	Cyl	Bore x Stroke	63		
3C-TE 2184cc Inline4 SOHC 2v Turbo Diesel		01/1991 - 12/1998	L4	86.0mm x 94.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8391A STD, .25, .50	CONROD	Suits from 1996 on. Has right hand notch.		1.482/.0583	23.10/.909	F810	8391A IH
		50.490/1.9878	53.504/2.1065				
		50.500/1.9882	53.520/2.1071				



63 Continued ...							63
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Suits until 12/1995.</i>							
4B8395A STD, .25, .50, .75, 1.00		50.490/1.9878	53.500/2.1063	1.482/.0583	23.10/.909	F810	8395A IH
		50.500/1.9882	53.520/2.1071				
MAINS <i>Suits from 09/1990.</i>							
5M8399A STD, .25, .50, .75, 1.00	1,2,3,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	22.00/.866	F810	8399A UL
		57.000/2.2441	61.020/2.4024				
THRUST							
2T8372 STD		63.000/2.4803	76.550/3.0138		2.72/.107	F817	8372T UL
		63.250/2.4902	76.800/3.0236				
PISTON PIN BUSH <i>Tapered bush. Set of 4.</i>							
4RB4097 UNB		27.000/1.0630	30.000/1.1811	1.630/.0642	28.00/1.102	F100	4RB4097
		27.012/1.0635	30.030/1.1823				
PISTON PIN BUSH <i>Tapered Bush.</i>							
RB4097 UNB		27.000/1.0630	30.000/1.1811	1.630/.0642	28.00/1.102	F100	RB4097
		27.012/1.0635	30.030/1.1823				

64 Engine				Year	Cyl	Bore x Stroke	64
3L 2779cc Inline4 SOHC 2v Diesel				08/1986 - 10/2001	L4	96.0mm x 96.0mm	
5L,5L-E 2955cc Inline4 SOHC 2v Diesel				10/1997 - On	L4	99.5mm x 96.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1720A STD, 010, 020, 030, 040		54.985/2.1648	58.004/2.2836	1.486/.0585	26.00/1.024	F810	1720A IH
		55.000/2.1654	58.024/2.2844				
MAINS <i>Set is half grooved.</i>							
5M1728A STD, 010, 020, 030, 040	1,2,3,4,5	61.980/2.4402	66.000/2.5984	1.986/.0782	27.56/1.085	F810	1727A U
		62.000/2.4409	66.020/2.5992				
	1-5	61.980/2.4402	66.000/2.5984	1.986/.0782	27.56/1.085	F810	1728A L
2T1727 STD		70.000/2.7559	81.450/3.2067		2.49/.098	F817	1727T UL
		70.250/2.7657	81.700/3.2165				
CAMS							
5C8094 STD, .125, .25	1	34.959/1.3763	38.014/1.4966	1.504/.0592	32.63/1.285	F820	8094AL(F) IH
		34.975/1.3770	38.038/1.4976				
	2,3,4,5	27.959/1.1007	31.014/1.2210	1.504/.0592	17.50/.689	F820	8095AL IH
4RB4093 UNB		<i>Tapered Bush. Set of 4. Suits 29mm shaft.</i>		1.700/.0669	30.50/1.201	F100	4RB4093
			32.000/1.2598				
PISTON PIN BUSH <i>Tapered bush. Suits 29mm shaft.</i>							
RB4093 UNB			32.000/1.2598	1.700/.0669	31.00/1.221	F100	RB4093
			32.020/1.2606				

65 Engine				Year	Cyl	Bore x Stroke	65
5M 2759cc Inline6 SOHC 2v				01/1979 - 12/1984	L6	83.0mm x 85.0mm	
5M-E 2759cc Inline6 SOHC 2v				01/1978 - 08/1990	L6	83.0mm x 85.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has two oil holes.</i>							
6B1160A STD, 010, 020, 030, 040		51.984/2.0466	55.015/2.1659	1.499/.0590	19.85/.782	F810	1160A IH
		52.000/2.0472	55.035/2.1667				
CONROD <i>Has one oil hole.</i>							
6B1170A STD, .25, .50, .75, 1.00		51.984/2.0466	55.015/2.1659	1.500/.0591	19.90/.784	F810	1170A IH
		52.000/2.0472	55.035/2.1667				
MAINS <i>All bearings are 22mm wide.</i>							
7M1164A STD, 010, 020, 030, 040	1,2,3,4,5,6,7	59.985/2.3616	64.021/2.5205	1.996/.0786	22.00/.866	F810	1164A UL
		60.000/2.3622	64.046/2.5215				

65		Continued ...						65
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	THRUST	<i>2.97 mm Thick.</i>						
2T7962 STD		65.500/2.5787 66.250/2.6083	79.750/3.1398 80.000/3.1496		2.98/.117	F817	7962T UL	
	CAMS							
4C8076 STD	1(L)	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	28.07/1.105	F820	8077AL(F) L	
	1(U)	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F23	8076 IH	
	2,3,4	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F23	8076 IH	
	AUX							
2BS8078 STD	1		44.981/1.7709 45.001/1.7717	2.009/.0791	16.25/.640	F23	8078	
	2		36.980/1.4559 37.000/1.4567	2.009/.0791	16.25/.640	F23	8079	
	PISTON PIN BUSH	<i>Set of 4.</i>						
4RB4008 UNB		22.000/.8661 22.000/.8661	24.000/.9449 24.000/.9449	1.120/.0441	25.24/.994	F100	4RB4008	
	PISTON PIN BUSH							
RB4008 UNB		22.000/.8661 22.000/.8661	24.000/.9449 24.000/.9449	1.120/.0441	25.25/.994	F100	RB4008	
	ROCKER ARM BUSH	<i>Has Honing Allowance Only.</i>						
B791		19.000/.7480 19.000/.7480	21.000/.8268 21.000/.8268		20.83/.820	F100	B791	
	ROCKER ARM BUSH	<i>Has Boring Allowance Only.</i>						
B792		19.000/.7480 19.000/.7480	21.000/.8268 21.000/.8268		20.83/.820	F100	B792	

66		Engine	Year	Cyl	Bore x Stroke	66	
		5M-GE 2759cc Inline6 DOHC 2v	08/1980 - 12/1988	L6	83.0mm x 85.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Has two oil holes.</i>					
6B1160A STD, 010, 020, 030, 040		51.984/2.0466 52.000/2.0472	55.015/2.1659 55.035/2.1667	1.499/.0590	19.85/.782	F810	1160A IH
	CONROD	<i>Has one oil hole.</i>					
6B1170A STD, 25, 50, 75, 1.00		51.984/2.0466 52.000/2.0472	55.015/2.1659 55.035/2.1667	1.500/.0591	19.90/.784	F810	1170A IH
	MAINS	<i>All bearings are 22mm wide.</i>					
7M1164A STD, 010, 020, 030, 040	1,2,3,4,5,6,7	59.985/2.3616 60.000/2.3622	64.021/2.5205 64.046/2.5215	1.996/.0786	22.00/.866	F810	1164A UL
	MAINS	<i>Bearings in position number one are 25mm wide, bearings in positions 2-7 are 22mm wide.</i>					
7M1165A STD, 25, 50, 75, 1.00	1	59.985/2.3616 60.010/2.3626	64.022/2.5205 64.046/2.5215	2.000/.0787	25.00/.984	F810	1166A UL
	2,3,4,5,6,7	59.985/2.3616 60.010/2.3626	64.022/2.5205 64.046/2.5215	2.000/.0787	22.00/.866	F810	1165A UL
	THRUST	<i>2.97 mm Thick.</i>					
2T7962 STD		65.500/2.5787 66.250/2.6083	79.750/3.1398 80.000/3.1496		2.98/.117	F817	7962T UL
	AUX						
2BS8078 STD	1		44.981/1.7709 45.001/1.7717	2.009/.0791	16.25/.640	F23	8078
	2		36.980/1.4559 37.000/1.4567	2.009/.0791	16.25/.640	F23	8079
	PISTON PIN BUSH	<i>Set of 4.</i>					
4RB4008 UNB		22.000/.8661 22.000/.8661	24.000/.9449 24.000/.9449	1.120/.0441	25.24/.994	F100	4RB4008



66 Continued ...							66
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

PISTON PIN BUSH							
RB4008 UNB		22.000/.8661	24.000/.9449	1.120/.0441	25.25/.994	F100	RB4008
		22.000/.8661	24.000/.9449				

67 Engine		Year	Cyl	Bore x Stroke	67
5P 2771cc Inline4 OHV 2v Diesel		01/1974 - 10/1985	L4	93.0mm x 102.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B1361A STD, .25, .50, .75, 1.00	CONROD	54.980/2.1646	58.000/2.2835	1.485/.0585	27.55/1.085	F810	1361A
		55.000/2.1654	58.020/2.2842				IH

5M1362A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	69.980/2.7551	74.000/2.9134	1.989/.0783	24.63/.970	F810	1362A
		70.000/2.7559	74.021/2.9142				IH
		3	69.980/2.7551	74.000/2.9134	1.989/.0783	31.37/1.235	F810
		70.000/2.7559	74.021/2.9142				IH

5M8258A STD, .25, .50, .75, 1.00	MAINS 1,2,4,5	69.980/2.7551	74.000/2.9134	1.986/.0782	22.60/.890	F810	8258A
		70.000/2.7559	74.030/2.9146				IH
		3	69.980/2.7551	74.000/2.9134	1.986/.0782	29.60/1.165	F810
		70.000/2.7559	74.030/2.9146				IH

2T1362 STD	THRUST	75.950/2.9902	89.410/3.5201		3.00/.118	F817	1362T
		76.200/3.0000	89.660/3.5299				UL

4C8065 STD	CAMS	1	47.164/1.8568	51.000/2.0079	1.905/.0750	24.00/.945	F23	8056
			47.180/1.8575	51.019/2.0086				
		2	46.964/1.8490	51.000/2.0079	2.005/.0789	20.00/.787	F23	8057
			46.980/1.8496	51.019/2.0086				
		3	46.764/1.8411	51.000/2.0079	2.105/.0829	20.00/.787	F23	8058
		46.780/1.8417	51.019/2.0086					
		4	46.564/1.8332	51.000/2.0079	2.205/.0868	24.00/.945	F23	8065
			46.580/1.8339	51.019/2.0086				

4RB4244 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		30.000/1.1811	1.530/.0602	30.50/1.201	F100	4RB4244
				30.010/1.1815				

RB4244 UNB	PISTON PIN BUSH	<i>Single piece.</i>		30.000/1.1811	1.530/.0602	30.50/1.201	F100	RB4244
				30.010/1.1815				

68 Engine		Year	Cyl	Bore x Stroke	68
5R 1994cc Inline4 OHV 2v		01/1967 - 12/1983	L4	88.0mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B2980A STD, .25, .50, .75, 1.00, 1.25	CONROD	54.985/2.1648	58.025/2.2844	1.499/.0590	26.03/1.025	F810	2980A
		55.000/2.1654	58.045/2.2852				IH

3M2977A STD, 010, 020, 030, 040, 050,	MAINS	<i>With Flanged Bearing. Suits from 1969 to 5/1978.</i>						
		1	59.970/2.3610	64.000/2.5197	1.986/.0782	27.81/1.095	F810	2977A
			60.000/2.3622	64.030/2.5209				IH
		2	59.970/2.3610	64.000/2.5197	1.986/.0782	41.98/1.653	F810	2978A(F)
			60.000/2.3622	64.030/2.5209				IH
	3	59.970/2.3610	64.000/2.5197	1.986/.0782	35.81/1.410	F810	2979A	
		60.000/2.3622	64.030/2.5209				IH	

3M2984A STD, .25, .50, .75, 1.00	MAINS	<i>Use with 2T1703. Suits from 05/1978.</i>						
		1	59.985/2.3616	64.000/2.5197	1.990/.0783	27.80/1.095	F810	2984A
			60.000/2.3622	64.030/2.5209				IH
		2,3	59.985/2.3616	64.000/2.5197	1.990/.0783	35.50/1.398	F810	2985A
		60.000/2.3622	64.030/2.5209				IH	

68		Continued ...						68
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
3M2987A STD, 010, 020, 030, 040		<i>Suits until 12/1968.</i>						
	MAINS							
	1	59.985/2.3616 60.000/2.3622	65.010/2.5594 65.040/2.5606	2.489/.0980	27.99/1.102	F810	2987A UL	
	2	59.985/2.3616 60.000/2.3622	65.010/2.5594 65.040/2.5606	2.489/.0980	35.99/1.417	F810	2988A UL	
	3	59.985/2.3616 60.000/2.3622	65.010/2.5594 65.040/2.5606	2.489/.0980	40.00/1.575	F810	2989A UL	
2T1703 STD		<i>1.99 mm thick.</i>						
	THRUST	66.250/2.6083 66.500/2.6181	79.750/3.1398 80.000/3.1496		1.99/.078	F817	1703T UL	
2T7962 STD		<i>2.97 mm Thick.</i>						
	THRUST	65.500/2.5787 66.250/2.6083	79.750/3.1398 80.000/3.1496		2.98/.117	F817	7962T UL	
5C7969 STD		CAMS						
	1	46.460/1.8291 46.475/1.8297	50.000/1.9685 50.025/1.9695	1.740/.0685	29.21/1.150	F23	7966	
	2	46.210/1.8193 46.225/1.8199	50.000/1.9685 50.025/1.9695	1.867/.0735	20.19/.795	F23	7967	
	3	45.960/1.8094 45.975/1.8100	50.000/1.9685 50.025/1.9695	1.994/.0785	46.28/1.822	F23	7968	
	4	45.710/1.7996 45.725/1.8002	50.000/1.9685 50.025/1.9695	2.121/.0835	19.30/.760	F23	7969	
	5	45.460/1.7898 45.475/1.7904	50.000/1.9685 50.025/1.9695	2.248/.0885	28.19/1.110	F23	7960	
4RB4040 UNB		PISTON PIN BUSH <i>Set of 4.</i>						
		21.997/.8660 22.009/.8665	24.000/.9449 24.021/.9457	1.120/.0441	30.98/1.220	F100	4RB4040	
RB4040 UNB		PISTON PIN BUSH						
		21.997/.8660 22.009/.8665	24.000/.9449 24.021/.9457	1.120/.0441	30.98/1.220	F100	RB4040	
B791		ROCKER ARM BUSH <i>Has Honing Allowance Only.</i>						
		19.000/.7480 19.000/.7480	21.000/.8268 21.000/.8268		20.83/.820	F100	B791	
B792		ROCKER ARM BUSH <i>Has Boring Allowance Only.</i>						
		19.000/.7480 19.000/.7480	21.000/.8268 21.000/.8268		20.83/.820	F100	B792	

69		Engine	Year	Cyl	Bore x Stroke	69	
		5S-FE 2164cc Inline4 DOHC 4v	01/1989 - 12/2009	L4	87.0mm x 91.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8365A STD, .25, .50, .75, 1.00		CONROD <i>For engines with 52mm shaft.</i>					
		51.985/2.0466 52.000/2.0472	55.000/2.1654 55.024/2.1663	1.493/.0588	20.50/.807	F810	8365A IH
5M8361A STD, .25, .50, .75		MAINS					
	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	2.000/.0787	19.20/.756	F810	8361A UL
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.995/.0785	23.00/.906	F810	8362A UL
RACE SERIES 5M8361H STD, .025, .25, .50		MAINS					
	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	2.000/.0787	19.20/.756	F780	8361H UL
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.995/.0785	23.00/.906	F780	8362H UL
RACE SERIES 5M8361HX STD		MAINS <i>0.001" extra oil clearance on STD journal.</i>					
	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.987/.0782	19.20/.756	F780	8361HX UL
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.982/.0780	23.00/.906	F780	8362HX UL



69 Continued ...							69
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T1689 STD, .125, .25, .50, .75	THRUST	63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT
		64.050/2.5216	76.000/2.9921				UL
2T1689P STD	THRUST	63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T
		64.050/2.5216	76.000/2.9921				UL
2T8363 STD, .25, .50	THRUST	64.000/2.5197	76.000/2.9921		2.49/.098	F817	8363T
		64.250/2.5295					UL
4RB4087 UNB	PISTON PIN BUSH <i>Set of 4.</i>	21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	4RB4087
		22.009/.8665	24.000/.9449				
RB4087 UNB	PISTON PIN BUSH	21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	RB4087
		22.009/.8665	24.000/.9449				

70 Engine	Year	Cyl	Bore x Stroke	70
2M 2253cc Inline6 SOHC 2v	01/1965 - 12/1975	L6	75.0mm x 85.0mm	
3M 1988cc Inline6 DOHC 2v	01/1965 - 02/1971	L6	75.0mm x 75.0mm	
4M 2563cc Inline6 SOHC 2v	01/1971 - 12/1983	L6	80.0mm x 85.0mm	
M 1988cc Inline6 SOHC 2v	01/1965 - 08/1974	L6	75.0mm x 75.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
6B1160A STD, 010, 020, 030, 040	CONROD <i>Has two oil holes.</i>	51.984/2.0466	55.015/2.1659	1.499/.0590	19.85/.782	F810	1160A	
		52.000/2.0472	55.035/2.1667				IH	
		51.984/2.0466	55.015/2.1659	1.499/.0590	19.85/.782	F810	1160A	
		52.000/2.0472	55.035/2.1667				IH	
7M1164A STD, 010, 020, 030, 040	MAINS 1,2,3,4,5,6,7 <i>All bearings are 22mm wide.</i>	59.985/2.3616	64.021/2.5205	1.996/.0786	22.00/.866	F810	1164A	
		60.000/2.3622	64.046/2.5215				UL	
2T7962 STD	THRUST <i>2.97 mm Thick.</i>	65.500/2.5787	79.750/3.1398		2.98/.117	F817	7962T	
		66.250/2.6083	80.000/3.1496				UL	
4C8076 STD	CAMS	1(L)	34.972/1.3768	38.014/1.4966	1.504/.0592	28.07/1.105	F820	8077AL(F)
			34.996/1.3778	38.038/1.4976				L
		1(U)	34.972/1.3768	38.014/1.4966	1.504/.0592	20.13/.793	F23	8076
			34.996/1.3778	38.038/1.4976				IH
		2,3,4	34.972/1.3768	38.014/1.4966	1.504/.0592	20.13/.793	F23	8076
34.996/1.3778	38.038/1.4976				IH			
2B58078 STD	AUX	1	44.981/1.7709	45.001/1.7717	2.009/.0791	16.25/.640	F23	8078
			36.980/1.4559	37.000/1.4567	2.009/.0791	16.25/.640	F23	8079
4RB4008 UNB	PISTON PIN BUSH <i>Set of 4.</i>	22.000/.8661	24.000/.9449	1.120/.0441	25.24/.994	F100	4RB4008	
		22.000/.8661	24.000/.9449					
RB4008 UNB	PISTON PIN BUSH	22.000/.8661	24.000/.9449	1.120/.0441	25.25/.994	F100	RB4008	
		22.000/.8661	24.000/.9449					
B791	ROCKER ARM BUSH <i>Has Honing Allowance Only.</i>	19.000/.7480	21.000/.8268		20.83/.820	F100	B791	
		19.000/.7480	21.000/.8268					
B792	ROCKER ARM BUSH <i>Has Boring Allowance Only.</i>	19.000/.7480	21.000/.8268		20.83/.820	F100	B792	
		19.000/.7480	21.000/.8268					



71	Engine	Year	Cyl	Bore x Stroke	71
	2K 993cc Inline4 OHV 2v	04/1969 - 09/1986	L4	72.0mm x 61.0mm	
	3K 1166cc Inline4 OHV 2v	01/1966 - 12/1988	L4	75.0mm x 66.0mm	
	4K 1290cc Inline4 OHV 2v	02/1978 - 08/1990	L4	75.0mm x 73.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1101A STD, .25, .50, .75, 1.00, 1.25		41.976/1.6526	44.999/1.7716	1.496/.0589	18.90/.744	F810	1101A
		42.000/1.6535	45.024/1.7726				IH
MAINS <i>Fully grooved bearings, identical halves.</i>							
5M1102A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	49.976/1.9676	54.000/2.1260	1.996/.0786	20.90/.823	F810	1102A
		50.000/1.9685	54.028/2.1271				IH
MAINS <i>Half grooved bearing set, with upper & lower.</i>							
5M1103A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	49.976/1.9676	54.000/2.1260	1.996/.0786	20.90/.823	F810	1103A
		50.000/1.9685	54.028/2.1271				L
	1,2,3,4,5	49.976/1.9676	54.000/2.1260	1.996/.0786	20.90/.823	F810	1102A
		50.000/1.9685	54.028/2.1271				U
THRUST							
2T8062 STD		55.560/2.1874	67.560/2.6598		2.49/.098	F817	8062T
		55.820/2.1976	67.820/2.6701				UL
CAMS							
4C8066 STD	1	43.209/1.7011	48.000/1.8898	2.385/.0939	17.90/.705	F23	8066
		43.225/1.7018	48.025/1.8907				
	2	42.959/1.6913	47.500/1.8701	2.260/.0890	17.90/.705	F23	8067
		42.975/1.6919	47.525/1.8711				
	3	42.709/1.6815	47.000/1.8504	2.133/.0840	17.90/.705	F23	8068
		42.725/1.6821	47.025/1.8514				
	4	42.459/1.6716	46.500/1.8307	2.006/.0790	17.90/.705	F23	8069
		42.475/1.6722	46.525/1.8317				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4037 UNB		17.986/.7081	20.000/.7874	1.180/.0465	24.89/.980	F100	4RB4037
		17.998/.7086	20.020/.7882				

72	Engine	Year	Cyl	Bore x Stroke	72
	3F 3955cc Inline6 OHV 2v	11/1984 - 12/1992	L6	94.0mm x 95.0mm	
	3F-E 3955cc Inline6 OHV 2v	01/1988 - 12/1992	L6	94.0mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B7986A STD, 010, 020, 030, 040		52.988/2.0861	56.000/2.2047	1.495/.0589	22.13/.871	F810	7986A
		53.000/2.0866	56.020/2.2055				IH
MAINS							
4M7987A STD, 010, 020, 030, 040	1	66.975/2.6368	71.999/2.8346	2.497/.0983	32.13/1.265	F810	7982A
		67.000/2.6378	72.034/2.8360				UL
	2	68.473/2.6958	73.500/2.8937	2.497/.0983	30.12/1.186	F810	7983A
		68.500/2.6968	73.536/2.8951				IH
	3	69.972/2.7548	75.000/2.9528	2.497/.0983	28.12/1.107	F810	7987A
		69.996/2.7557	75.035/2.9541				IH
	4	71.472/2.8139	76.500/3.0118	2.497/.0983	40.13/1.580	F810	7988A
		71.496/2.8148	76.535/3.0132				UL
THRUST							
2T7987 STD		78.000/3.0709	90.500/3.5630		2.48/.098	F250	7987T
		78.250/3.0807	90.750/3.5728				UL
CAMS							
4C7979 STD	1	47.955/1.8880	52.000/2.0472	2.014/.0793	29.23/1.151	F23	7976
		47.975/1.8888	52.035/2.0486				
	2	46.455/1.8289	50.500/1.9882	2.014/.0793	24.25/.955	F23	7977
		46.475/1.8297	50.535/1.9896				
	3	44.955/1.7699	49.000/1.9291	2.014/.0793	24.25/.955	F23	7970
		44.975/1.7707	49.030/1.9303				
	4	43.455/1.7108	47.500/1.8701	2.014/.0793	25.25/.994	F23	7979
		43.475/1.7116	47.530/1.8713				



72 Continued ...							72
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6RB4028 UNB	PISTON PIN BUSH <i>Set of 6.</i>	21.987/.8656	24.000/.9449	1.230/.0484	27.80/1.095	F100	6RB4028
		22.000/.8661	24.021/.9457				
RB4028 UNB	PISTON PIN BUSH	21.987/.8656	24.000/.9449	1.230/.0484	28.70/1.130	F100	RB4028
		22.000/.8661	24.021/.9457				

73 Engine			Year	Cyl	Bore x Stroke		73	
3R 1897cc Inline4 OHV 2v			01/1960 - 12/1973	L4	88.0mm x 78.9mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B2986P STD, 010, 020, 030, 040	CONROD	54.985/2.1648	58.025/2.2844	1.499/.0590	30.98/1.220	F780	2986	
		55.000/2.1654	58.045/2.2852				UL	
3M2987A STD, 010, 020, 030, 040	MAINS	<i>Suits until 12/1968.</i>						
		1	59.985/2.3616	65.010/2.5594	2.489/.0980	27.99/1.102	F810	2987A
			60.000/2.3622	65.040/2.5606				UL
		2	59.985/2.3616	65.010/2.5594	2.489/.0980	35.99/1.417	F810	2988A
			60.000/2.3622	65.040/2.5606				UL
2T7962 STD	THRUST	<i>2.97 mm Thick.</i>						
			65.500/2.5787	79.750/3.1398		2.98/.117	F817	7962T
			66.250/2.6083	80.000/3.1496				UL
5C7969 STD	CAMS	1	46.460/1.8291	50.000/1.9685	1.740/.0685	29.21/1.150	F23	7966
			46.475/1.8297	50.025/1.9695				
		2	46.210/1.8193	50.000/1.9685	1.867/.0735	20.19/.795	F23	7967
			46.225/1.8199	50.025/1.9695				
		3	45.960/1.8094	50.000/1.9685	1.994/.0785	46.28/1.822	F23	7968
			45.975/1.8100	50.025/1.9695				
RB911	PISTON PIN BUSH	24.000/.9449	27.000/1.0630	1.650/.0650	31.24/1.230	F100	RB911	
		24.012/.9454	27.021/1.0638					
B791	ROCKER ARM BUSH <i>Has Honing Allowance Only.</i>	19.000/.7480	21.000/.8268		20.83/.820	F100	B791	
		19.000/.7480	21.000/.8268					
B792	ROCKER ARM BUSH <i>Has Boring Allowance Only.</i>	19.000/.7480	21.000/.8268		20.83/.820	F100	B792	
		19.000/.7480	21.000/.8268					

74 Engine			Year	Cyl	Bore x Stroke		74
1E 999cc Inline4 SOHC 3v			10/1984 - 12/1994	L4	70.5mm x 64.0mm		
2E 1295cc Inline4 SOHC 3v			10/1984 - 12/1998	L4	73.0mm x 77.4mm		
4E-FE 1332cc Inline4 DOHC 4v			01/1991 - 12/1999	L4	77.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8390A STD, .25, .50, .75, 1.00	CONROD	39.985/1.5742	43.001/1.6929	1.491/.0587	15.10/.595	F810	8390A
		40.000/1.5748	43.021/1.6937				IH
5M8392A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	46.985/1.8498	51.022/2.0087	2.000/.0787	16.00/.630	F810	8392A
		47.000/1.8504	51.036/2.0093				UL

74 Continued ... 74

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
THRUST							
2T8392 STD		52.750/2.0768 53.000/2.0866	64.250/2.5295 64.500/2.5394		2.49/.098	F817	8392T UL

75 Engine Year Cyl Bore x Stroke 75

3VZ-E 2959cc V6 SOHC 3v		01/1988 - 07/1996	V6	87.5mm x 82.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8060A STD, .25, .50, .75, 1.00		54.987/2.1648 55.000/2.1654	58.000/2.2835 58.024/2.2844	1.488/.0586	17.00/.669	F810	8060A IH
MAINS							
4M8070A STD, .25, .50, .75, 1.00	1	63.985/2.5191 64.000/2.5197	68.010/2.6776 68.028/2.6783	1.993/.0785	22.00/.866	F810	8064A UL
	2,3,4	63.985/2.5191 64.000/2.5197	68.010/2.6776 68.028/2.6783	1.993/.0785	20.00/.787	F810	8070A UL
	THRUST						
2T8063 STD, .25		71.250/2.8051 71.500/2.8150	86.250/3.3957 86.500/3.4055		2.49/.098	F817	8063T UL

76 Engine Year Cyl Bore x Stroke 76

3VZ-FE 2958cc V6 DOHC 4v		02/1992 - 12/1997	V6	87.5mm x 82.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B8061A STD, .25, .50, .75, 1.00		54.987/2.1648 55.000/2.1654	58.000/2.2835 58.024/2.2844	1.488/.0586	17.00/.669	F810	8061A IH
MAINS							
4M8063A STD, .25, .50, .75, 1.00	1	63.985/2.5191 64.000/2.5197	68.010/2.6776 68.028/2.6783	1.993/.0785	22.00/.866	F810	8064A UL
	2,3,4	63.985/2.5191 64.000/2.5197	68.010/2.6776 68.028/2.6783	1.993/.0785	20.00/.787	F810	8063A UL
THRUST							
2T8063 STD, .25		71.250/2.8051 71.500/2.8150	86.250/3.3957 86.500/3.4055		2.49/.098	F817	8063T UL
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4109 UNB		21.997/.8660 22.009/.8665	24.010/.9453 24.030/.9461	1.180/.0465	23.00/.906	F100	6RB4109
PISTON PIN BUSH							
RB4109 UNB		21.997/.8660 22.009/.8665	24.010/.9453 24.030/.9461	1.180/.0465	23.00/.906	F100	RB4109

77 Engine Year Cyl Bore x Stroke 77

1Y 1626cc Inline4 OHV 2v	11/1983 - 09/1989	L4	86.0mm x 70.0mm
2Y 1812cc Inline4 OHV 2v	01/1983 - On	L4	86.0mm x 78.0mm
3Y,3YC 1998cc Inline4 OHV 2v	10/1978 - 11/1997	L4	86.0mm x 86.0mm
4Y 2237cc Inline4 OHV 2v	10/1978 - 07/1998	L4	91.0mm x 86.0mm
4Y-EC 2237cc Inline4 OHV 2v	01/1986 - 12/1996	L4	91.0mm x 86.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8281A STD, .25, .50, .75, 1.00, 1.25		47.985/1.8892 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.492/.0587	19.90/.784	F810	8281A IH
MAINS							
5M8282A STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	57.985/2.2829 58.000/2.2835	62.000/2.4409 62.024/2.4419	1.990/.0783	20.82/.820	F810	8282A UL
	THRUST						
2T1689 STD, .125, .25, .50, .75		63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F817	1689AT UL



77 Continued ...							77	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
2T1689P STD	THRUST	63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T	
		64.050/2.5216	76.000/2.9921				UL	
5C8045 STD	CAMS	1	46.460/1.8291	50.010/1.9689	1.745/.0687	17.90/.705	F820	8045
			46.475/1.8297	50.030/1.9697				
		2	46.210/1.8193	49.760/1.9591	1.745/.0687	16.00/.630	F820	8046
			46.225/1.8199	49.780/1.9598				
		3	45.960/1.8094	49.010/1.9295	1.495/.0589	18.00/.709	F820	8047
			45.975/1.8100	49.030/1.9303				
4	45.710/1.7996	49.260/1.9394	1.745/.0687	16.00/.630	F820	8048		
	45.725/1.8002	49.280/1.9402						
	5	45.460/1.7898	49.510/1.9492	1.995/.0785	18.00/.709	F820	8049	
		45.475/1.7904	49.530/1.9500					

78 Engine	Year	Cyl	Bore x Stroke	78
2A 1298cc Inline4 SOHC 2v	01/1977 - 12/1988	L4	76.0mm x 71.4mm	
3A 1452cc Inline4 SOHC 2v	01/1979 - 12/1989	L4	77.5mm x 77.0mm	
3A-C 1452cc Inline4 SOHC 2v	01/1979 - 12/1988	L4	77.5mm x 77.0mm	
3A-U 1452cc Inline4 SOHC 2v	01/1979 - 12/1990	L4	77.5mm x 77.0mm	
4A-C 1587cc Inline4 SOHC 2v	01/1982 - 12/1989	L4	81.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1690A STD, .25, .50, .75	CONROD	<i>Has left hand notch 3.95mm wide.</i>						
		39.985/1.5742	43.000/1.6929	1.498/.0590	17.10/.673	F810	1690A	
		40.000/1.5748	43.024/1.6939				IH	
4B1710A STD, .25, .50, .75, 1.00	CONROD	<i>Has right hand notch 2.95mm wide. Suits 40mm shaft.</i>						
		39.985/1.5742	43.000/1.6929	1.498/.0590	17.10/.673	F810	1710A	
		40.000/1.5748	43.024/1.6939				IH	
5M1695A STD, .25, .50, .75, 1.00	MAINS	<i>Half groove set.</i>						
		1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.004/.0789	19.90/.784	F810	1704A
			48.000/1.8898	52.050/2.0492				U
	1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.004/.0789	19.90/.784	F810	1695A	
		48.000/1.8898	52.050/2.0492				L	
RACE SERIES 5M1695H STD, .025, .25, .50	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
		1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.001/.0788	19.90/.783	F780	1704H
			48.000/1.8898	52.050/2.0492				U
	1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.001/.0788	19.90/.783	F780	1695H	
		48.000/1.8898	52.050/2.0492				L	
RACE SERIES 5M1695HX STD	MAINS	<i>Full grooved set.</i>						
		1,2,3,4,5	47.985/1.8892	52.020/2.0480	1.988/.0783	19.90/.783	F780	1695HX
			48.000/1.8898	52.050/2.0492				L
	1,2,3,4,5	47.985/1.8892	52.020/2.0480	1.988/.0783	19.90/.783	F780	1704HX	
		48.000/1.8898	52.050/2.0492				U	
5M1704A STD, .25, .50, .75, 1.00	MAINS	1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.004/.0789	19.90/.784	F810	1704A
			48.000/1.8898	52.050/2.0492				IH
2T1695 STD	THRUST	53.500/2.1063	65.750/2.5886		2.49/.098	F817	1695T	
		53.750/2.1161	66.000/2.5984				UL	

79 Engine	Year	Cyl	Bore x Stroke	79
4K-C 1290cc Inline4 OHV 2v	01/1981 - 08/1982	L4	75.0mm x 66.0mm	
K 1077cc Inline4 SOHC 2v	01/1966 - 12/1978	L4	75.0mm x 61.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1101A STD, .25, .50, .75, 1.00, 1.25	CONROD	41.976/1.6526	44.999/1.7716	1.496/.0589	18.90/.744	F810	1101A
		42.000/1.6535	45.024/1.7726				IH

79 Continued ...							79
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1102A STD, .25, .50, .75, 1.00, 1.25	MAINS 1,2,3,4,5	<i>Fully grooved bearings, identical halves.</i>					
		49.976/1.9676 50.000/1.9685	54.000/2.1260 54.028/2.1271	1.996/.0786	20.90/.823	F810	1102A IH
2T8062 STD	THRUST	55.560/2.1874	67.560/2.6598		2.49/.098	F817	8062T UL
		55.820/2.1976	67.820/2.6701				
4C8066 STD	CAMS 1	43.209/1.7011	48.000/1.8898	2.385/.0939	17.90/.705	F23	8066
		43.225/1.7018	48.025/1.8907				
		42.959/1.6913	47.500/1.8701	2.260/.0890	17.90/.705	F23	8067
		42.975/1.6919	47.525/1.8711				
		42.709/1.6815	47.000/1.8504	2.133/.0840	17.90/.705	F23	8068
	2	42.725/1.6821	47.025/1.8514				
	3	42.459/1.6716	46.500/1.8307	2.006/.0790	17.90/.705	F23	8069
	4	42.475/1.6722	46.525/1.8317				
4RB4037 UNB	PISTON PIN BUSH	<i>Set of 4.</i>					
		17.986/.7081 17.998/.7086	20.000/.7874 20.020/.7882	1.180/.0465	24.89/.980	F100	4RB4037

80 Engine				Year	Cyl	Bore x Stroke	80
4M-E 2563cc Inline6 SOHC 2v				09/1978 - 08/1979	L6	80.0mm x 85.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1160A STD, 010, 020, 030, 040	CONROD	<i>Has two oil holes.</i>					
		51.984/2.0466 52.000/2.0472	55.015/2.1659 55.035/2.1667	1.499/.0590	19.85/.782	F810	1160A IH
7M1164A STD, 010, 020, 030, 040	MAINS 1,2,3,4,5,6,7	<i>All bearings are 22mm wide.</i>					
		59.985/2.3616 60.000/2.3622	64.021/2.5205 64.046/2.5215	1.996/.0786	22.00/.866	F810	1164A UL
2T7962 STD	THRUST	<i>2.97 mm Thick.</i>					
		65.500/2.5787 66.250/2.6083	79.750/3.1398 80.000/3.1496		2.98/.117	F817	7962T UL
2BS8078 STD	AUX 1		44.981/1.7709 45.001/1.7717	2.009/.0791	16.25/.640	F23	8078
		2	36.980/1.4559 37.000/1.4567	2.009/.0791	16.25/.640	F23	8079
4RB4008 UNB	PISTON PIN BUSH	<i>Set of 4.</i>					
		22.000/.8661 22.000/.8661	24.000/.9449 24.000/.9449	1.120/.0441	25.24/.994	F100	4RB4008
RB4008 UNB	PISTON PIN BUSH	22.000/.8661	24.000/.9449	1.120/.0441	25.25/.994	F100	RB4008
		22.000/.8661	24.000/.9449				
B791	ROCKER ARM BUSH	<i>Has Honing Allowance Only.</i>					
		19.000/.7480 19.000/.7480	21.000/.8268 21.000/.8268		20.83/.820	F100	B791
B792	ROCKER ARM BUSH	<i>Has Boring Allowance Only.</i>					
		19.000/.7480 19.000/.7480	21.000/.8268 21.000/.8268		20.83/.820	F100	B792



81 Engine		Year	Cyl	Bore x Stroke	81			
12R 1587cc Inline4 OHV 2v		09/1968 - 10/1988	L4	80.5mm x 78.0mm				
2R 1490cc Inline4 OHV 2v <i>To Engine No. 1542213.</i>		01/1964 - 12/1971	L4	78.0mm x 78.0mm				
4R 1587cc Inline4 OHV 2v		01/1965 - 12/1968	L4	80.5mm x 78.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B1691A STD, 010, 020, 030, 040, 050,		49.985/1.9679	53.010/2.0870	1.488/.0586	27.00/1.063	F810	1691A IH	
		50.000/1.9685	53.030/2.0878					
MAINS								
3M1692A STD, 010, 020, 030, 040, 050,	1	57.976/2.2825	61.600/2.4252	1.791/.0705	29.97/1.180	F810	1692A IH	
		58.000/2.2835	61.620/2.4260					
	2	57.976/2.2825	61.600/2.4252	1.791/.0705	34.03/1.340	F810	1693A IH	
		58.000/2.2835	61.620/2.4260					
	3	57.976/2.2825	61.600/2.4252	1.791/.0705	40.00/1.575	F810	1694A IH	
		58.000/2.2835	61.620/2.4260					
THRUST								
2T8002 STD, 005		64.010/2.5201	75.560/2.9748		2.97/.117	F1	8002T UL	
		64.260/2.5299	75.950/2.9902					
CAMS <i>To Eng.No.1542213.</i>								
3C8006 STD	1	46.459/1.8291	50.000/1.9685	1.753/.0690	28.02/1.103	F23	8006	
		46.475/1.8297	50.025/1.9695					
	1	46.459/1.8291	50.000/1.9685	1.753/.0690	28.02/1.103	F23	8006	
		46.475/1.8297	50.025/1.9695					
	2	46.209/1.8192	50.000/1.9685	1.880/.0740	41.96/1.652	F23	8007	
		46.225/1.8199	50.025/1.9695					
	2	46.209/1.8192	50.000/1.9685	1.880/.0740	41.96/1.652	F23	8007	
		46.225/1.8199	50.025/1.9695					
	3	45.959/1.8094	50.000/1.9685	2.006/.0790	25.07/.987	F23	8008	
		45.975/1.8100	50.025/1.9695					
		3	45.959/1.8094	50.000/1.9685	2.006/.0790	25.07/.987	F23	8008
			45.975/1.8100	50.025/1.9695				
PISTON PIN BUSH <i>Set of 4.</i>								
4RB910 STD		20.004/.7876	22.000/.8661	1.190/.0469	27.05/1.065	F100	4RB910	
		20.016/.7880	22.025/.8671					
PISTON PIN BUSH								
RB910 UNB		20.004/.7876	22.000/.8661	1.190/.0469	27.05/1.065	F100	RB910	
		20.016/.7880	22.025/.8671					
ROCKER ARM BUSH <i>Has Honing Allowance Only.</i>								
B791		19.000/.7480	21.000/.8268		20.83/.820	F100	B791	
		19.000/.7480	21.000/.8268					
ROCKER ARM BUSH <i>Has Boring Allowance Only.</i>								
B792		19.000/.7480	21.000/.8268		20.83/.820	F100	B792	
		19.000/.7480	21.000/.8268					

82 Engine		Year	Cyl	Bore x Stroke	82		
3S-GE 1998cc Inline4 DOHC 4v		10/1985 - 09/1999	L4	86.0mm x 86.0mm			
3S-GTE 1998cc Inline4 DOHC 4v Turbo		05/1985 - 10/1995	L4	86.0mm x 86.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B8366A STD, .25, .50, .75, 1.00		47.985/1.8892	51.004/2.0080	1.488/.0586	21.30/.839	F810	8366A IH
		48.000/1.8898	51.024/2.0088				
RACE SERIES							
4B8366H STD, .025, .25, .50		47.985/1.8892	51.004/2.0080	1.488/.0586	21.30/.839	F781	8366H IH
		48.000/1.8898	51.024/2.0088				
RACE SERIES							
4B8366HX STD		47.985/1.8892	51.004/2.0080	1.475/.0581	21.30/.839	F781	8366HX IH
		48.000/1.8898	51.024/2.0088				
<i>0.001" extra oil clearance on STD journal.</i>							

82		Continued ...						82
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B8366P STD, .25, .50, .75, 1.00	CONROD	47.985/1.8892 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.488/.0586	21.30/.839	F780	8366 IH	
	MAINS							
5M8361A STD, .25, .50, .75	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	2.000/.0787	19.20/.756	F810	8361A UL	
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.995/.0785	23.00/.906	F810	8362A UL	
	MAINS							
RACE SERIES 5M8361H STD, .025, .25, .50	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	2.000/.0787	19.20/.756	F780	8361H UL	
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.995/.0785	23.00/.906	F780	8362H UL	
	MAINS							
RACE SERIES 5M8361HX STD	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.987/.0782	19.20/.756	F780	8361HX UL	
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.982/.0780	23.00/.906	F780	8362HX UL	
	MAINS							
2T1689 STD, .125, .25, .50, .75	THRUST	63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F817	1689AT UL	
	THRUST							
2T1689P STD	THRUST	63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F780	1689T UL	
	THRUST							
4RB4087 UNB	PISTON PIN BUSH	21.977/.8652 22.009/.8665	23.980/.9441 24.000/.9449	1.220/.0480	26.40/1.039	F100	4RB4087	
	PISTON PIN BUSH							
RB4087 UNB	PISTON PIN BUSH	21.977/.8652 22.009/.8665	23.980/.9441 24.000/.9449	1.220/.0480	26.40/1.039	F100	RB4087	
	PISTON PIN BUSH							

83		Engine	Year	Cyl	Bore x Stroke	83	
		3B 3431cc Inline4 OHV 2v Diesel	01/1979 - 12/1992	L4	102.0mm x 105.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8280A STD, .25, .50, .75, 1.00	CONROD	60.980/2.4008 61.000/2.4016	64.000/2.5197 64.021/2.5205	1.490/.0587	30.00/1.181	F780	8280 IH
	CONROD						
4B8285A STD, .25, .50, .75, 1.00	CONROD	60.985/2.4010 61.001/2.4016	64.000/2.5197 64.025/2.5207	1.485/.0585	30.00/1.181	F810	8285A IH
	CONROD						
5M1787A STD, .25, .50, .75, 1.00, 1.25	MAINS						
	1,2,4,5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	27.60/1.087	F810	1787A IH
	3	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	33.93/1.336	F810	1788A(F) UL
5M8374A STD, .25, .50, .75, 1.00	MAINS						
	1,2,3,4,5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	26.90/1.059	F810	8374A UL
2T8283 STD	THRUST	76.250/3.0020 76.500/3.0118	90.250/3.5531 90.500/3.5630		2.48/.098	F817	8283T UL
	THRUST						
3C8071 STD	CAMS						
	1	47.159/1.8566 47.175/1.8573	51.030/2.0091 51.060/2.0102	1.915/.0754	24.00/.945	F23	8071
	2	46.959/1.8488 46.975/1.8494	51.030/2.0091 51.060/2.0102	2.014/.0793	20.00/.787	F23	8072
	3	46.759/1.8409 46.775/1.8415	51.030/2.0091 51.060/2.0102	2.115/.0833	24.00/.945	F23	8073



83		Continued ...						83
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
		CAMS <i>Suits from 09/1988 on.</i>						
5C8205 STD	1	53.450/2.1043 53.475/2.1053	57.500/2.2638 57.530/2.2650	2.005/.0789	20.00/.787	F23	8205	
	2	53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551	2.005/.0789	20.00/.787	F23	8206	
	3	52.950/2.0846 52.975/2.0856	57.000/2.2441 57.030/2.2453	2.005/.0789	20.00/.787	F23	8207	
	4	52.700/2.0748 52.725/2.0758	57.000/2.2441 57.030/2.2453	2.130/.0839	20.00/.787	F23	8208	
	5	52.450/2.0650 52.475/2.0659	57.250/2.2539 57.282/2.2552	2.380/.0937	20.00/.787	F23	8209	
		CAMS <i>Suits from 09/1984 to 06/1986.</i>						
5C8215 STD	1	53.450/2.1043 53.475/2.1053	56.500/2.2244 56.530/2.2256	1.505/.0593	20.00/.787	F23	8215	
	2	53.200/2.0945 53.225/2.0955	56.250/2.2146 56.280/2.2157	1.505/.0593	20.00/.787	F23	8216	
	3	52.950/2.0846 52.975/2.0856	56.000/2.2047 56.030/2.2059	1.505/.0593	20.00/.787	F23	8217	
	4	52.700/2.0748 52.725/2.0758	56.000/2.2047 56.030/2.2059	1.630/.0642	20.00/.787	F23	8218	
	5	52.450/2.0650 52.475/2.0659	56.250/2.2146 56.280/2.2157	1.880/.0740	20.00/.787	F23	8219	
		CAMS <i>Suits from 06/1986 to 08/1988.</i>						
5C8217 STD	1	53.450/2.1043 53.475/2.1053	57.500/2.2638 57.530/2.2650	2.005/.0789	20.00/.787	F23	8205	
	2	53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551	2.005/.0789	20.00/.787	F23	8206	
	3	52.950/2.0846 52.975/2.0856	56.000/2.2047 56.030/2.2059	1.505/.0593	20.00/.787	F23	8217	
	4	52.700/2.0748 52.725/2.0758	56.000/2.2047 56.030/2.2059	1.630/.0642	20.00/.787	F23	8218	
	5	52.450/2.0650 52.475/2.0659	56.250/2.2146 56.280/2.2157	1.880/.0740	20.00/.787	F23	8219	
		PISTON PIN BUSH <i>Set of 4.</i>						
4RB4076 UNB		32.010/1.2602	36.030/1.4185	2.110/.0831	31.75/1.250	F100	4RB4076	
		32.010/1.2602	36.030/1.4185					
		PISTON PIN BUSH <i>Set of 4.</i>						
4RB4095 UNB		32.010/1.2602	36.000/1.4173	2.110/.0831	32.80/1.291	F100	4RB4095	
		32.010/1.2602	36.030/1.4185					
		PISTON PIN BUSH						
RB4076 UNB		32.010/1.2602	36.030/1.4185	2.110/.0831	31.75/1.250	F100	RB4076	
		32.010/1.2602	36.030/1.4185					
		PISTON PIN BUSH						
RB4095 UNB		32.010/1.2602	36.000/1.4173	2.110/.0831	32.80/1.291	F100	RB4095	
		32.010/1.2602	36.030/1.4185					

84		Engine	Year	Cyl	Bore x Stroke	84	
		3RZ-FE 2693cc Inline4 DOHC 4v	07/1996 - 12/2004	L4	95.0mm x 95.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
		CONROD <i>Suits from 8/1993.</i>					
4B8414A STD, .25, .50, .75, 1.00		52.987/2.0861 53.000/2.0866	56.000/2.2047 56.024/2.2057	1.485/.0585	19.83/.781	F810	8414A IH
		MAINS					
5M8378A STD, .25, .50, .75, 1.00	1,5	59.987/2.3617 60.000/2.3622	64.000/2.5197 64.024/2.5206	1.990/.0783	25.18/.991	F810	8378A UL
	2,3,4	59.987/2.3617 60.000/2.3622	64.000/2.5197 64.024/2.5206	1.990/.0783	23.15/.911	F810	8377A UL

84 Continued ...							84
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T8377 STD	THRUST	65.250/2.5689	89.750/3.5335		2.49/.098	F817	8377T
		65.500/2.5787	90.000/3.5433				UL
4BS8000 STD	BALANCE		41.519/1.6346	2.006/.0790	22.73/.895	F820	8001
			41.539/1.6354				
			42.000/1.6535	1.988/.0783	20.32/.800	F820	8000
			42.024/1.6545				
4RB4257	PISTON PIN BUSH		27.000/1.0630	1.535/.0604	26.00/1.024	F100	4RB4257
			27.030/1.0642				
RB4257 UNB	PISTON PIN BUSH		27.000/1.0630	1.535/.0604	26.00/1.024	F100	RB4257
			27.030/1.0642				

85 Engine				Year	Cyl	Bore x Stroke	85
3S-FC 1998cc Inline4 DOHC 4v				01/1985 - 02/1993	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8360A STD, .25, .50, .75, 1.00	CONROD	<i>For engines with 48mm shaft.</i>					
		47.985/1.8892	51.000/2.0079	1.488/.0586	20.50/.807	F810	8360A
		48.000/1.8898	51.024/2.0088				IH
5M8361A STD, .25, .50, .75	MAINS 1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F810	8361A
		55.000/2.1654	59.038/2.3243				UL
		54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F810	8362A
		55.000/2.1654	59.038/2.3243				UL
RACE SERIES 5M8361H STD, .025, .25, .50	MAINS 1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F780	8361H
		55.000/2.1654	59.038/2.3243				UL
		54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F780	8362H
		55.000/2.1654	59.038/2.3243				UL
RACE SERIES 5M8361HX STD	MAINS 1,2,4,5	<i>0.001" extra oil clearance on STD journal.</i>					
		54.985/2.1648	59.020/2.3236	1.987/.0782	19.20/.756	F780	8361HX
		55.000/2.1654	59.038/2.3243				UL
		54.985/2.1648	59.020/2.3236	1.982/.0780	23.00/.906	F780	8362HX
		55.000/2.1654	59.038/2.3243				UL
2T1689 STD, .125, .25, .50, .75	THRUST	63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT
		64.050/2.5216	76.000/2.9921				UL
2T1689P STD	THRUST	63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T
		64.050/2.5216	76.000/2.9921				UL
4RB4087 UNB	PISTON PIN BUSH	<i>Set of 4.</i>					
		21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	4RB4087
		22.009/.8665	24.000/.9449				
RB4087 UNB	PISTON PIN BUSH	21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	RB4087
		22.009/.8665	24.000/.9449				

86 Engine				Year	Cyl	Bore x Stroke	86
3S-FE 1998cc Inline4 DOHC 4v				01/1986 - 12/2002	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8360A STD, .25, .50, .75, 1.00	CONROD	<i>For engines with 48mm shaft.</i>					
		47.985/1.8892	51.000/2.0079	1.488/.0586	20.50/.807	F810	8360A
		48.000/1.8898	51.024/2.0088				IH



86 Continued ...							86
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>For engines with 52mm shaft.</i>							
4B8365A STD, .25, .50, .75, 1.00		51.985/2.0466	55.000/2.1654	1.493/.0588	20.50/.807	F810	8365A
		52.000/2.0472	55.024/2.1663				IH
MAINS							
5M8361A STD, .25, .50, .75	1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F810	8361A
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F810	8362A
		55.000/2.1654	59.038/2.3243				UL
MAINS							
RACE SERIES 5M8361H STD, .025, .25, .50	1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F780	8361H
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F780	8362H
		55.000/2.1654	59.038/2.3243				UL
MAINS <i>0.001" extra oil clearance on STD journal.</i>							
RACE SERIES 5M8361HX STD	1,2,4,5	54.985/2.1648	59.020/2.3236	1.987/.0782	19.20/.756	F780	8361HX
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.982/.0780	23.00/.906	F780	8362HX
		55.000/2.1654	59.038/2.3243				UL
THRUST							
2T1689 STD, .125, .25, .50, .75		63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT
		64.050/2.5216	76.000/2.9921				UL
THRUST							
2T1689P STD		63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T
		64.050/2.5216	76.000/2.9921				UL
THRUST							
2T8363 STD, .25, .50		64.000/2.5197	76.000/2.9921		2.49/.098	F817	8363T
		64.250/2.5295					UL
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4087 UNB		21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	4RB4087
		22.009/.8665	24.000/.9449				
PISTON PIN BUSH							
RB4087 UNB		21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	RB4087
		22.009/.8665	24.000/.9449				

87 Engine				Year	Cyl	Bore x Stroke	87
14B 3660cc Inline4 OHV 2v Diesel				09/1988 - On	L4	102.0mm x 112.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Oil slot in bearing.</i>							
4B8285A STD, .25, .50, .75, 1.00		60.985/2.4010	64.000/2.5197	1.485/.0585	30.00/1.181	F810	8285A
		61.001/2.4016	64.025/2.5207				IH
MAINS <i>Requires thrustwashers.</i>							
5M8374A STD, .25, .50, .75, 1.00	1,2,3,4,5	69.980/2.7551	75.000/2.9528	2.490/.0980	26.90/1.059	F810	8374A
		70.000/2.7559	75.024/2.9537				UL
THRUST <i>For Engines Equipped with Thrust Washers</i>							
2T8283 STD		76.250/3.0020	90.250/3.5531		2.48/.098	F817	8283T
		76.500/3.0118	90.500/3.5630				UL
CAMS <i>Suits from 09/1988 on.</i>							
5C8205 STD	1	53.450/2.1043	57.500/2.2638	2.005/.0789	20.00/.787	F23	8205
		53.475/2.1053	57.530/2.2650				
	2	53.200/2.0945	57.250/2.2539	2.005/.0789	20.00/.787	F23	8206
		53.225/2.0955	57.280/2.2551				
	3	52.950/2.0846	57.000/2.2441	2.005/.0789	20.00/.787	F23	8207
	52.975/2.0856	57.030/2.2453					
4	52.700/2.0748	57.000/2.2441	2.130/.0839	20.00/.787	F23	8208	
	52.725/2.0758	57.030/2.2453					
5	52.450/2.0650	57.250/2.2539	2.380/.0937	20.00/.787	F23	8209	
	52.475/2.0659	57.282/2.2552					

87 Continued ... 87

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4095 UNB		32.010/1.2602	36.000/1.4173	2.110/.0831	32.80/1.291	F100	4RB4095
		32.010/1.2602	36.030/1.4185				
PISTON PIN BUSH							
RB4095 UNB		32.010/1.2602	36.000/1.4173	2.110/.0831	32.80/1.291	F100	RB4095
		32.010/1.2602	36.030/1.4185				

88 Engine Year Cyl Bore x Stroke 88

11B 2977cc Inline4 OHV 2v Diesel 01/1985 - 12/1995 L4 95.0mm x 105.0mm
 13B 3431cc Inline4 OHV 2v Diesel 09/1984 - 02/1995 L4 102.0mm x 105.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>Has 4mm oil hole at 11 degrees from centre.</i>								
4B8280A STD, .25, .50, .75, 1.00		60.980/2.4008	64.000/2.5197	1.490/.0587	30.00/1.181	F780	8280 IH	
		61.000/2.4016	64.021/2.5205					
CONROD <i>Oil slot in bearing.</i>								
4B8285A STD, .25, .50, .75, 1.00		60.985/2.4010	64.000/2.5197	1.485/.0585	30.00/1.181	F810	8285A IH	
		61.001/2.4016	64.025/2.5207					
MAINS <i>Requires thrustwashers.</i>								
5M8374A STD, .25, .50, .75, 1.00	1,2,3,4,5	69.980/2.7551	75.000/2.9528	2.490/.0980	26.90/1.059	F810	8374A UL	
		70.000/2.7559	75.024/2.9537					
THRUST <i>For Engines Equipped with Thrust Washers</i>								
2T8283 STD		76.250/3.0020	90.250/3.5531		2.48/.098	F817	8283T UL	
		76.500/3.0118	90.500/3.5630					
CAMS <i>Suits from 09/1988 on.</i>								
5C8205 STD	1	53.450/2.1043	57.500/2.2638	2.005/.0789	20.00/.787	F23	8205	
		53.475/2.1053	57.530/2.2650					
	2	53.200/2.0945	57.250/2.2539	2.005/.0789	20.00/.787	F23	8206	
		53.225/2.0955	57.280/2.2551					
	3	52.950/2.0846	57.000/2.2441	2.005/.0789	20.00/.787	F23	8207	
		52.975/2.0856	57.030/2.2453					
	4	52.700/2.0748	57.000/2.2441	2.130/.0839	20.00/.787	F23	8208	
		52.725/2.0758	57.030/2.2453					
	5	52.450/2.0650	57.250/2.2539	2.380/.0937	20.00/.787	F23	8209	
		52.475/2.0659	57.282/2.2552					
	CAMS <i>Suits from 09/1984 to 06/1986.</i>							
	5C8215 STD	1	53.450/2.1043	56.500/2.2244	1.505/.0593	20.00/.787	F23	8215
			53.475/2.1053	56.530/2.2256				
		2	53.200/2.0945	56.250/2.2146	1.505/.0593	20.00/.787	F23	8216
			53.225/2.0955	56.280/2.2157				
3		52.950/2.0846	56.000/2.2047	1.505/.0593	20.00/.787	F23	8217	
		52.975/2.0856	56.030/2.2059					
4		52.700/2.0748	56.000/2.2047	1.630/.0642	20.00/.787	F23	8218	
		52.725/2.0758	56.030/2.2059					
5		52.450/2.0650	56.250/2.2146	1.880/.0740	20.00/.787	F23	8219	
		52.475/2.0659	56.280/2.2157					
CAMS <i>Suits from 06/1986 to 08/1988.</i>								
5C8217 STD		1	53.450/2.1043	57.500/2.2638	2.005/.0789	20.00/.787	F23	8205
			53.475/2.1053	57.530/2.2650				
		2	53.200/2.0945	57.250/2.2539	2.005/.0789	20.00/.787	F23	8206
			53.225/2.0955	57.280/2.2551				
	3	52.950/2.0846	56.000/2.2047	1.505/.0593	20.00/.787	F23	8217	
		52.975/2.0856	56.030/2.2059					
	4	52.700/2.0748	56.000/2.2047	1.630/.0642	20.00/.787	F23	8218	
		52.725/2.0758	56.030/2.2059					
	5	52.450/2.0650	56.250/2.2146	1.880/.0740	20.00/.787	F23	8219	
		52.475/2.0659	56.280/2.2157					



88 Continued ...								88
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4082 UNB		34.000/1.3386 34.010/1.3390	38.005/1.4963 38.025/1.4970	2.110/.0831	36.00/1.417	F100	4RB4082	
	PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4095 UNB		32.010/1.2602 32.010/1.2602	36.000/1.4173 36.030/1.4185	2.110/.0831	32.80/1.291	F100	4RB4095	
	PISTON PIN BUSH							
RB4082 UNB		34.000/1.3386 34.010/1.3390	38.005/1.4963 38.025/1.4970	2.110/.0831	36.00/1.417	F100	RB4082	
	PISTON PIN BUSH							
RB4095 UNB		32.010/1.2602 32.010/1.2602	36.000/1.4173 36.030/1.4185	2.110/.0831	32.80/1.291	F100	RB4095	

89 Engine								89
12HT 3980cc Inline6 OHV 2v Turbo Diesel				Year	Cyl	Bore x Stroke		
				10/1985 - 10/1990	L6	91.0mm x 102.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	CONROD		<i>Has oil hole and notch on left hand side.</i>					
6B1360A STD, .25, .50, .75		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.486/.0585	25.60/1.008	F810	1360A IH	
	CONROD		<i>Is plain and has notch on right hand side</i>					
6B1376A STD, .25, .50, .75		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.486/.0585	25.60/1.008	F810	1376A IH	
	MAINS							
7M1388A STD, .25, .50, .75, 1.00	1,2,3,5,6,7	69.980/2.7551 70.000/2.7559	74.000/2.9134 74.021/2.9142	1.989/.0783	22.46/.884	F810	1388A IH	
	4	69.980/2.7551 70.000/2.7559	74.000/2.9134 74.021/2.9142	1.989/.0783	29.60/1.165	F810	1389A IH	
	THRUST							
2T1388 STD		76.250/3.0020 76.500/3.0118	89.750/3.5335 90.000/3.5433		2.98/.117	F817	1388T UL	
	CAMS							
4C8052 STD	1	51.175/2.0148 51.175/2.0148	55.000/2.1654 55.020/2.1661	1.890/.0744	24.00/.945	F23	8052	
	2	50.975/2.0069 50.975/2.0069	55.000/2.1654 55.020/2.1661	1.990/.0783	20.00/.787	F23	8053	
	3	50.775/1.9990 50.775/1.9990	55.000/2.1654 55.020/2.1661	2.090/.0823	20.00/.787	F23	8054	
	4	50.575/1.9911 50.575/1.9911	55.020/2.1661 55.000/2.1654	2.190/.0862	24.00/.945	F23	8055	
	PISTON PIN BUSH		<i>Set of 6.</i>					
6RB4242 UNB			36.000/1.4173 36.030/1.4185	2.040/.0803	31.00/1.221	F100	6RB4242	
	PISTON PIN BUSH		<i>Single piece.</i>					
RB4242 UNB			36.000/1.4173 36.030/1.4185	2.040/.0803	31.00/1.221	F100	RB4242	

90 Engine								90
16R 1808cc Inline4 OHV 2v				Year	Cyl	Bore x Stroke		
				08/1973 - 11/1982	L4	88.5mm x 73.5mm		
18R 1968cc Inline4 SOHC 2v				Year	Cyl	Bore x Stroke		
				01/1967 - 11/1983	L4	88.5mm x 80.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	CONROD							
4B1701A STD, 010, 020, 030, 040, 060		52.977/2.0857 53.000/2.0866	56.000/2.2047 56.022/2.2056	1.494/.0588	22.00/.866	F810	1701A IH	
	MAINS		<i>Has integral thrust flanges.</i>					
5M1697A STD, 010, 020, 030, 040, 060	1,2,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	21.97/.865	F810	1697A IH	



90 Continued ...							90
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1697A STD, 010, 020, 030, 040, 060	3	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	35.98/1.417	F780	1698A(F) IH
MAINS		<i>Requires thrust washer.</i>					
5M1699A STD, 010, 020, 030, 040	1,2,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	21.97/.865	F810	1697A IH
	3	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	27.94/1.100	F810	1699A IH
THRUST		<i>1.99 mm thick.</i>					
2T1703 STD		66.250/2.6083 66.500/2.6181	79.750/3.1398 80.000/3.1496		1.99/.078	F817	1703T UL
CAMS							
4C8076 STD	1(L)	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	28.07/1.105	F820	8077AL(F) L
	1(U)	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F23	8076 IH
	2,3,4	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F23	8076 IH
AUX							
2BS8286 STD	1	45.950/1.8091 45.970/1.8098	49.980/1.9677 50.000/1.9685	1.999/.0787	24.69/.972	F23	8286
	2	40.950/1.6122 40.970/1.6130	44.981/1.7709 45.001/1.7717	1.999/.0787	19.91/.784	F23	8287
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4028 UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	27.80/1.095	F100	4RB4028
PISTON PIN BUSH							
RB4028 UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	28.70/1.130	F100	RB4028

91 Engine	Year	Cyl	Bore x Stroke	91
1A 1452cc Inline4 SOHC 2v	01/1978 - 12/1979	L4	77.5mm x 77.0mm	
1A-C 1453cc Inline4 SOHC 2v	01/1978 - 12/1979	L4	77.5mm x 77.0mm	
1A-U 1453cc Inline4 SOHC 2v	01/1978 - 12/1979	L4	77.5mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has left hand notch 3.95mm wide.</i>					
4B1690A STD, .25, .50, .75		39.985/1.5742 40.000/1.5748	43.000/1.6929 43.024/1.6939	1.498/.0590	17.10/.673	F810	1690A IH
MAINS		<i>Full grooved set.</i>					
5M1704A STD, .25, .50, .75, 1.00	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/.0789	19.90/.784	F810	1704A IH
THRUST							
2T1695 STD		53.500/2.1063 53.750/2.1161	65.750/2.5886 66.000/2.5984		2.49/.098	F817	1695T UL

92 Engine	Year	Cyl	Bore x Stroke	92
1C 1839cc Inline4 SOHC 2v Diesel	01/1981 - 12/1992	L4	83.0mm x 85.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has left hand notch and is 23.70mm wide</i>					
4B8370A STD, .25, .50, .75, 1.00		50.480/1.9874 50.500/1.9882	53.504/2.1065 53.524/2.1072	1.482/.0583	23.70/.933	F810	8370A IH
CONROD		<i>Has left hand notch and is 18.90mm wide</i>					
4B8371A STD, .25, .50, .75, 1.00		50.480/1.9874 50.500/1.9882	53.504/2.1065 53.524/2.1072	1.482/.0583	18.90/.744	F810	8371A IH
CONROD		<i>Suits until 12/1995.</i>					
4B8395A STD, .25, .50, .75, 1.00		50.490/1.9878 50.500/1.9882	53.500/2.1063 53.520/2.1071	1.482/.0583	23.10/.909	F810	8395A IH



92 Continued ...							92		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
5M8372A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Is 22mm wide. Suits until 08/1985.</i>		56.980/2.2433 57.000/2.2441	61.004/2.4017 61.024/2.4025	1.990/.0783	22.00/.866	F810	8372A UL
5M8373A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Is 20mm wide. Suits from 09/1985 to 08/1990.</i>		56.980/2.2433 57.000/2.2441	61.004/2.4017 61.024/2.4025	1.990/.0783	20.00/.787	F810	8373A UL
5M8399A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Suits from 09/1990.</i>		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	22.00/.866	F810	8399A UL
2T8372 STD	THRUST	63.000/2.4803 63.250/2.4902	76.550/3.0138 76.800/3.0236		2.72/.107	F817	8372T UL		
4RB4097 UNB	PISTON PIN BUSH	<i>Tapered bush. Set of 4.</i>		27.000/1.0630 27.012/1.0635	30.000/1.1811 30.030/1.1823	1.630/.0642	28.00/1.102	F100	4RB4097
4RB4247 UNB	PISTON PIN BUSH	<i>Set of 4.</i>			30.000/1.1811 30.030/1.1823	1.540/.0606	27.50/1.083	F100	4RB4247
RB4097 UNB	PISTON PIN BUSH	<i>Tapered Bush.</i>		27.000/1.0630 27.012/1.0635	30.000/1.1811 30.030/1.1823	1.630/.0642	28.00/1.102	F100	RB4097
RB4247 UNB	PISTON PIN BUSH		30.000/1.1811 30.030/1.1823	1.540/.0606	27.50/1.083	F100	RB4247		

93 Engine				Year	Cyl	Bore x Stroke	93		
1C-T 1839cc Inline4 OHV 2v Turbo Diesel				08/1983 - 01/1985	L4	83.0mm x 85.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B8370A STD, .25, .50, .75, 1.00	CONROD	<i>Has left hand notch and is 23.70mm wide</i>		50.480/1.9874 50.500/1.9882	53.504/2.1065 53.524/2.1072	1.482/.0583	23.70/.933	F810	8370A IH
5M8372A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Is 22mm wide. Suits until 08/1985.</i>		56.980/2.2433 57.000/2.2441	61.004/2.4017 61.024/2.4025	1.990/.0783	22.00/.866	F810	8372A UL
2T8372 STD	THRUST	63.000/2.4803 63.250/2.4902	76.550/3.0138 76.800/3.0236		2.72/.107	F817	8372T UL		
4RB4247 UNB	PISTON PIN BUSH	<i>Set of 4.</i>			30.000/1.1811 30.030/1.1823	1.540/.0606	27.50/1.083	F100	4RB4247
RB4247 UNB	PISTON PIN BUSH		30.000/1.1811 30.030/1.1823	1.540/.0606	27.50/1.083	F100	RB4247		

94 Engine				Year	Cyl	Bore x Stroke	94		
13BT 3431cc Inline4 OHV 2v Turbo Diesel				09/1984 - 12/1990	L4	102.0mm x 105.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B8280A STD, .25, .50, .75, 1.00	CONROD	<i>Has 4mm oil hole at 11 degrees from centre.</i>		60.980/2.4008 61.000/2.4016	64.000/2.5197 64.021/2.5205	1.490/.0587	30.00/1.181	F780	8280 IH
4B8285A STD, .25, .50, .75, 1.00	CONROD	<i>Oil slot in bearing.</i>		60.985/2.4010 61.001/2.4016	64.000/2.5197 64.025/2.5207	1.485/.0585	30.00/1.181	F810	8285A IH



94 Continued ...							94		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
5M8374A STD, .25, .50, .75, 1.00		MAINS <i>Requires thrustwashers.</i>		69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	26.90/1.059	F810	8374A UL
2T8283 STD		THRUST <i>For Engines Equipped with Thrust Washers</i>		76.250/3.0020 76.500/3.0118	90.250/3.5531 90.500/3.5630		2.48/.098	F817	8283T UL
5C8205 STD		CAMS <i>Suits from 09/1988 on.</i>							
	1	53.450/2.1043 53.475/2.1053	57.500/2.2638 57.530/2.2650	2.005/.0789	20.00/.787	F23	8205		
	2	53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551	2.005/.0789	20.00/.787	F23	8206		
	3	52.950/2.0846 52.975/2.0856	57.000/2.2441 57.030/2.2453	2.005/.0789	20.00/.787	F23	8207		
	4	52.700/2.0748 52.725/2.0758	57.000/2.2441 57.030/2.2453	2.130/.0839	20.00/.787	F23	8208		
	5	52.450/2.0650 52.475/2.0659	57.250/2.2539 57.282/2.2552	2.380/.0937	20.00/.787	F23	8209		
5C8215 STD		CAMS <i>Suits from 09/1984 to 06/1986.</i>							
	1	53.450/2.1043 53.475/2.1053	56.500/2.2244 56.530/2.2256	1.505/.0593	20.00/.787	F23	8215		
	2	53.200/2.0945 53.225/2.0955	56.250/2.2146 56.280/2.2157	1.505/.0593	20.00/.787	F23	8216		
	3	52.950/2.0846 52.975/2.0856	56.000/2.2047 56.030/2.2059	1.505/.0593	20.00/.787	F23	8217		
	4	52.700/2.0748 52.725/2.0758	56.000/2.2047 56.030/2.2059	1.630/.0642	20.00/.787	F23	8218		
	5	52.450/2.0650 52.475/2.0659	56.250/2.2146 56.280/2.2157	1.880/.0740	20.00/.787	F23	8219		
5C8217 STD		CAMS <i>Suits from 06/1986 to 08/1988.</i>							
	1	53.450/2.1043 53.475/2.1053	57.500/2.2638 57.530/2.2650	2.005/.0789	20.00/.787	F23	8205		
	2	53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551	2.005/.0789	20.00/.787	F23	8206		
	3	52.950/2.0846 52.975/2.0856	56.000/2.2047 56.030/2.2059	1.505/.0593	20.00/.787	F23	8217		
	4	52.700/2.0748 52.725/2.0758	56.000/2.2047 56.030/2.2059	1.630/.0642	20.00/.787	F23	8218		
	5	52.450/2.0650 52.475/2.0659	56.250/2.2146 56.280/2.2157	1.880/.0740	20.00/.787	F23	8219		
4RB4076 UNB		PISTON PIN BUSH <i>Set of 4.</i>		32.010/1.2602 32.010/1.2602	36.030/1.4185 36.030/1.4185	2.110/.0831	31.75/1.250	F100	4RB4076
RB4076 UNB		PISTON PIN BUSH		32.010/1.2602 32.010/1.2602	36.030/1.4185 36.030/1.4185	2.110/.0831	31.75/1.250	F100	RB4076

95 Engine				Year	Cyl	Bore x Stroke	95		
2D 6494cc Inline6 OHV 2v Diesel				01/1964 - 12/1978	L6	105.0mm x 125.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
6B1356P STD, 010, 020, 030, 040		CONROD		61.970/2.4398 61.990/2.4405	66.030/2.5996 66.050/2.6004	1.994/.0785	30.98/1.220	F780	1356 IH
7M1357P STD, 010, 020, 030, 040, 060		MAINS							
	1,2,3,5,6,7	74.970/2.9516 74.990/2.9524	81.030/3.1902 81.050/3.1909	2.990/.1177	34.03/1.340	F780	1357 IH		
	4	74.970/2.9516 74.990/2.9524	81.030/3.1902 81.050/3.1909	2.990/.1177	49.02/1.930	F780	1358 IH		



95 Continued ...							95
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T1357 STD	THRUST		100.000/3.9370		2.98/.117	F817	1357T UL
6RB4248 UNB	PISTON PIN BUSH	<i>Set of 6. Suits 40mm tunnel, engines up to 8/1976.</i>					
		34.000/1.3386 34.030/1.3398	40.000/1.5748	3.030/.1193	37.00/1.457	F100	6RB4248
6RB4249 UNB	PISTON PIN BUSH	<i>Set of 6. Suits 38mm tunnel, engines from 9/1976.</i>					
		34.000/1.3386 34.030/1.3398	38.000/1.4961	2.030/.0799	37.00/1.457	F100	6RB4249
RB4248 UNB	PISTON PIN BUSH	<i>Suits 40mm tunnel, engines up to 8/1976.</i>					
		34.000/1.3386 34.030/1.3398	40.000/1.5748	3.030/.1193	37.00/1.457	F100	RB4248
RB4249 UNB	PISTON PIN BUSH	<i>Suits 38mm tunnel, engines from 9/1976.</i>					
		34.000/1.3386 34.030/1.3398	40.000/1.5748	2.030/.0799	37.00/1.457	F100	RB4249

96 Engine		Year	Cyl	Bore x Stroke	96		
2F 4230cc Inline6 OHV 2v		01/1975 - 04/1990	L6	94.0mm x 101.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B7971A STD, 010, 020, 030, 040, 060	CONROD	53.980/2.1252 54.000/2.1260	56.800/2.2362 56.820/2.2370	1.380/.0543	32.89/1.295	F810	7971A IH
4M7982A STD, 010, 020, 030, 040	MAINS	<i>Bearings have locating notches.</i>					
	1	66.975/2.6368 67.000/2.6378	71.999/2.8346 72.034/2.8360	2.497/.0983	32.13/1.265	F810	7982A UL
	2	68.473/2.6958 68.500/2.6968	73.500/2.8937 73.536/2.8951	2.497/.0983	30.12/1.186	F810	7983A IH
	3	69.976/2.7550 70.000/2.7559	75.010/2.9531 75.034/2.9541	2.492/.0981	35.94/1.415	F810	7984A(F) IH
	4	71.470/2.8138 71.500/2.8150	76.500/3.0118 76.535/3.0132	2.497/.0983	40.13/1.580	F810	7985A UL
4C7979 STD	CAMS						
	1	47.955/1.8880 47.975/1.8888	52.000/2.0472 52.035/2.0486	2.014/.0793	29.23/1.151	F23	7976
	2	46.455/1.8289 46.475/1.8297	50.500/1.9882 50.535/1.9896	2.014/.0793	24.25/.955	F23	7977
	3	44.955/1.7699 44.975/1.7707	49.000/1.9291 49.030/1.9303	2.014/.0793	24.25/.955	F23	7970
	4	43.455/1.7108 43.475/1.7116	47.500/1.8701 47.530/1.8713	2.014/.0793	25.25/.994	F23	7979

97 Engine		Year	Cyl	Bore x Stroke	97		
2H 3980cc Inline6 OHV 2v Diesel		05/1980 - 12/1990	L6	91.0mm x 102.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B1360A STD, .25, .50, .75	CONROD	<i>Has oil hole and notch on left hand side.</i>					
		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.486/.0585	25.60/1.008	F810	1360A IH
6B1361A STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and is 27.55mm wide.</i>					
		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.485/.0585	27.55/1.085	F810	1361A IH
7M1388A STD, .25, .50, .75, 1.00	MAINS						
	1,2,3,5,6,7	69.980/2.7551 70.000/2.7559	74.000/2.9134 74.021/2.9142	1.989/.0783	22.46/.884	F810	1388A IH
	4	69.980/2.7551 70.000/2.7559	74.000/2.9134 74.021/2.9142	1.989/.0783	29.60/1.165	F810	1389A IH

97 Continued ... **97**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
2T1362 STD	THRUST	75.950/2.9902	89.410/3.5201		3.00/.118	F817	1362T	
		76.200/3.0000	89.660/3.5299				UL	
2T1388 STD	THRUST	76.250/3.0020	89.750/3.5335		2.98/.117	F817	1388T	
		76.500/3.0118	90.000/3.5433				UL	
4C8052 STD	CAMS	1	51.175/2.0148	55.000/2.1654	1.890/.0744	24.00/.945	F23	8052
			51.175/2.0148	55.020/2.1661				
		2	50.975/2.0069	55.000/2.1654	1.990/.0783	20.00/.787	F23	8053
			50.975/2.0069	55.020/2.1661				
		3	50.775/1.9990	55.000/2.1654	2.090/.0823	20.00/.787	F23	8054
		50.775/1.9990	55.020/2.1661					
		50.575/1.9911	55.020/2.1661	2.190/.0862	24.00/.945	F23	8055	
		50.575/1.9911	55.000/2.1654					
4C8065 STD	CAMS	1	47.164/1.8568	51.000/2.0079	1.905/.0750	24.00/.945	F23	8056
			47.180/1.8575	51.019/2.0086				
		2	46.964/1.8490	51.000/2.0079	2.005/.0789	20.00/.787	F23	8057
			46.980/1.8496	51.019/2.0086				
		3	46.764/1.8411	51.000/2.0079	2.105/.0829	20.00/.787	F23	8058
		46.780/1.8417	51.019/2.0086					
		46.564/1.8332	51.000/2.0079	2.205/.0868	24.00/.945	F23	8065	
		46.580/1.8339	51.019/2.0086					
4RB4023 UNB	PISTON PIN BUSH	<i>Set of 6.</i>						
		27.000/1.0630	30.000/1.1811	1.730/.0681	30.50/1.201	F100	4RB4023	
		27.012/1.0635	30.021/1.1819					
4RB4070 UNB	PISTON PIN BUSH	<i>Set of 6.</i>						
		29.000/1.1417	33.000/1.2992	2.250/.0886	31.00/1.221	F100	4RB4070	
		29.000/1.1417	33.030/1.3004					
RB4023 UNB	PISTON PIN BUSH	<i>Single piece.</i>						
		27.000/1.0630	30.000/1.1811	1.730/.0681	30.50/1.201	F100	RB4023	
		27.012/1.0635	30.021/1.1819					
RB4070 UNB	PISTON PIN BUSH	<i>Single piece.</i>						
		29.000/1.1417	33.000/1.2992	2.250/.0886	31.00/1.221	F100	RB4070	
		29.000/1.1417	33.030/1.3004					

98 Engine **Year** **Cyl** **Bore x Stroke** **98**
 2J 2481cc Inline4 OHV 2v Diesel 01/1968 - 12/1979 L4 88.0mm x 102.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1361A STD, .25, .50, .75, 1.00	CONROD	54.980/2.1646	58.000/2.2835	1.485/.0585	27.55/1.085	F810	1361A	
		55.000/2.1654	58.020/2.2842				IH	
5M1362A STD, .25, .50, .75, 1.00	MAINS	1,2,4,5	69.980/2.7551	74.000/2.9134	1.989/.0783	24.63/.970	1362A	
			70.000/2.7559	74.021/2.9142			IH	
		3	69.980/2.7551	74.000/2.9134	1.989/.0783	31.37/1.235	F810	1365A
		70.000/2.7559	74.021/2.9142				IH	
5M8258A STD, .25, .50, .75, 1.00	MAINS	1,2,4,5	69.980/2.7551	74.000/2.9134	1.986/.0782	22.60/.890	8258A	
			70.000/2.7559	74.030/2.9146			IH	
		3	69.980/2.7551	74.000/2.9134	1.986/.0782	29.60/1.165	F810	8259A
		70.000/2.7559	74.030/2.9146				IH	
2T1362 STD	THRUST	75.950/2.9902	89.410/3.5201		3.00/.118	F817	1362T	
		76.200/3.0000	89.660/3.5299				UL	
4C8056 STD	CAMS	1	47.164/1.8568	51.000/2.0079	1.905/.0750	24.00/.945	F23	8056
			47.180/1.8575	51.019/2.0086				



98 Continued ...							98	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4C8056 STD	2	46.964/1.8490 46.980/1.8496	51.000/2.0079 51.019/2.0086	2.005/.0789	20.00/.787	F23	8057	
	3	46.764/1.8411 46.780/1.8417	51.000/2.0079 51.019/2.0086	2.105/.0829	20.00/.787	F23	8058	
	4	46.564/1.8332 46.580/1.8339	51.000/2.0079 51.019/2.0086	2.205/.0868	24.00/.945	F23	8059	
	CAMS							
4C8065 STD	1	47.164/1.8568 47.180/1.8575	51.000/2.0079 51.019/2.0086	1.905/.0750	24.00/.945	F23	8056	
	2	46.964/1.8490 46.980/1.8496	51.000/2.0079 51.019/2.0086	2.005/.0789	20.00/.787	F23	8057	
	3	46.764/1.8411 46.780/1.8417	51.000/2.0079 51.019/2.0086	2.105/.0829	20.00/.787	F23	8058	
	4	46.564/1.8332 46.580/1.8339	51.000/2.0079 51.019/2.0086	2.205/.0868	24.00/.945	F23	8065	
4RB4023 UNB	PISTON PIN BUSH <i>Set of 6.</i>		27.000/1.0630 27.012/1.0635	30.000/1.1811 30.021/1.1819	1.730/.0681	30.50/1.201	F100	4RB4023
	4RB4244 UNB	PISTON PIN BUSH <i>Set of 4.</i>		30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	4RB4244
RB4244 UNB		PISTON PIN BUSH <i>Single piece.</i>		30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	RB4244

99 Engine		Year	Cyl	Bore x Stroke	99			
2B 3168cc Inline4 OHV 2v Diesel		08/1977 - 08/1983	L4	98.0mm x 105.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1786A STD, .25, .50, .75, 1.00, 1.25	CONROD <i>Has a 4mm oil hole at 10 degrees from centre.</i>							
			58.980/2.3220 59.000/2.3228	62.000/2.4409 62.020/2.4417	1.487/.0585	30.00/1.181	F810	1786A IH
5M1787A STD, .25, .50, .75, 1.00, 1.25	MAINS <i>Fully grooved set with integral flanges.</i>							
	1,2,4,5		69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	27.60/1.087	F810	1787A IH
	3		69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	33.93/1.336	F810	1788A(F) UL
3C8071 STD	CAMS <i>Suits up to 08/1984.</i>							
	1		47.159/1.8566 47.175/1.8573	51.030/2.0091 51.060/2.0102	1.915/.0754	24.00/.945	F23	8071
	2		46.959/1.8488 46.975/1.8494	51.030/2.0091 51.060/2.0102	2.014/.0793	20.00/.787	F23	8072
4RB4065 UNB	PISTON PIN BUSH <i>Set of 4.</i>		29.000/1.1417 29.012/1.1422	33.000/1.2992 33.025/1.3002	2.110/.0831	32.00/1.260	F100	4RB4065
	RB4065 UNB	PISTON PIN BUSH <i>Single piece.</i>		29.000/1.1417 29.012/1.1422	33.000/1.2992 33.025/1.3002	2.110/.0831	32.00/1.260	F100

100 Engine		Year	Cyl	Bore x Stroke	100		
2L-T 2446cc Inline4 SOHC 2v Diesel		08/1983 - 12/2000	L4	92.0mm x 92.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1720A STD, 010, 020, 030, 040	CONROD						
			54.985/2.1648 55.000/2.1654	58.004/2.2836 58.024/2.2844	1.486/.0585	26.00/1.024	F810

100		Continued ...						100
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1728A STD, 010, 020, 030, 040	MAINS	<i>Set is half grooved.</i>						
	1,2,3,4,5	61.980/2.4402 62.000/2.4409	66.000/2.5984 66.020/2.5992	1.986/.0782	27.56/1.085	F810	1727A U	
	1-5	61.980/2.4402 62.000/2.4409	66.000/2.5984 66.020/2.5992	1.986/.0782	27.56/1.085	F810	1728A L	
2T1727 STD	THRUST	70.000/2.7559 70.250/2.7657	81.450/3.2067 81.700/3.2165		2.49/.098	F817	1727T UL	
	CAMS	<i>Suits until 08/1988.</i>						
3C8074 STD	1	34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	28.07/1.105	F820	8075AL(F) L	
	1,2,3	34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F820	8074AL U	
	2,3	34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F820	8074AL L	
	CAMS	1	34.959/1.3763 34.975/1.3770	38.014/1.4966 38.038/1.4976	1.504/.0592	32.63/1.285	F820	8094AL(F) IH
5C8094 STD, .125, .25	2,3,4,5	27.959/1.1007 27.975/1.1014	31.014/1.2210 31.038/1.2220	1.504/.0592	17.50/.689	F820	8095AL IH	
	PISTON PIN BUSH	<i>Set of 4. Suits 29mm shaft.</i>						
4RB4080 UNB			32.000/1.2598 32.020/1.2606	1.700/.0669	30.50/1.201	F100	4RB4080	
	PISTON PIN BUSH	<i>Tapered Bush. Set of 4. Suits 29mm shaft.</i>						
4RB4093 UNB			32.000/1.2598 32.020/1.2606	1.700/.0669	30.50/1.201	F100	4RB4093	
	PISTON PIN BUSH	<i>Suits 29mm shaft.</i>						
RB4080 UNB			32.000/1.2598 32.020/1.2606	1.700/.0669	30.50/1.201	F100	RB4080	
	PISTON PIN BUSH	<i>Tapered bush. Suits 29mm shaft.</i>						
RB4093 UNB			32.000/1.2598 32.020/1.2606	1.700/.0669	31.00/1.221	F100	RB4093	

101		Engine	Year	Cyl	Bore x Stroke	101		
		1RZ 1998cc Inline4 SOHC 2v	08/1989 - 12/2005	L4	86.0mm x 86.0mm			
		1RZ-E 1998cc Inline4 SOHC 2v	08/1989 - 12/2005	L4	86.0mm x 86.0mm			
		2RZ 2438cc Inline4 SOHC 2v	08/1989 - 09/1998	L4	95.0mm x 86.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B8376A STD, .25, .50, .75, 1.00	CONROD	<i>Suits until 07/1993.</i>						
		52.987/2.0861 53.000/2.0866	56.000/2.2047 56.024/2.2057	1.485/.0585	19.83/.781	F810	8376A IH	
4B8414A STD, .25, .50, .75, 1.00	CONROD	<i>Suits from 8/1993.</i>						
		52.987/2.0861 53.000/2.0866	56.000/2.2047 56.024/2.2057	1.485/.0585	19.83/.781	F810	8414A IH	
5M8378A STD, .25, .50, .75, 1.00	MAINS	1,5	59.987/2.3617 60.000/2.3622	64.000/2.5197 64.024/2.5206	1.990/.0783	25.18/.991	F810	8378A UL
		2,3,4	59.987/2.3617 60.000/2.3622	64.000/2.5197 64.024/2.5206	1.990/.0783	23.15/.911	F810	8377A UL
	THRUST		65.250/2.5689 65.500/2.5787	89.750/3.5335 90.000/3.5433		2.49/.098	F817	8377T UL
2T8377 STD	PISTON PIN BUSH		27.000/1.0630 27.030/1.0642	1.535/.0604	26.00/1.024	F100	4RB4257	
	PISTON PIN BUSH		27.000/1.0630 27.030/1.0642	1.535/.0604	26.00/1.024	F100	RB4257	



102 Engine		Year		Cyl	Bore x Stroke		102
2S,2S-E 1995cc Inline4 SOHC 2v		01/1982 - 12/1987		L4	84.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>For engines with 48mm shaft.</i>							
4B8360A STD, .25, .50, .75, 1.00		47.985/1.8892	51.000/2.0079	1.488/.0586	20.50/.807	F810	8360A
		48.000/1.8898	51.024/2.0088				IH
MAINS							
5M8361A STD, .25, .50, .75	1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F810	8361A
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F810	8362A
		55.000/2.1654	59.038/2.3243				UL
RACE SERIES							
5M8361H STD, .025, .25, .50	1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F780	8361H
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F780	8362H
		55.000/2.1654	59.038/2.3243				UL
RACE SERIES							
5M8361HX STD	1,2,4,5	54.985/2.1648	59.020/2.3236	1.987/.0782	19.20/.756	F780	8361HX
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.982/.0780	23.00/.906	F780	8362HX
		55.000/2.1654	59.038/2.3243				UL
THRUST							
2T1689 STD, .125, .25, .50, .75		63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT
		64.050/2.5216	76.000/2.9921				UL

103 Engine		Year		Cyl	Bore x Stroke		103
2T-GEU 1588cc Inline4 DOHC 2v		01/1975 - 12/1981		L4	85.0mm x 70.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>3mm oil hole at 39°, suits up to 8/1982.</i>							
4B1686A STD, 010, 020, 030, 040, 060		47.976/1.8888	51.000/2.0079	1.488/.0586	19.84/.781	F810	1686A
		48.000/1.8898	51.024/2.0088				IH
MAINS <i>Suits from 09/1971.</i>							
5M1689A STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	57.976/2.2825	62.000/2.4409	1.991/.0784	20.82/.820	F810	1689A
		58.000/2.2835	62.024/2.4419				IH
THRUST							
2T1689 STD, .125, .25, .50, .75		63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT
		64.050/2.5216	76.000/2.9921				UL
THRUST							
2T1689P STD		63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T
		64.050/2.5216	76.000/2.9921				UL

104 Engine		Year		Cyl	Bore x Stroke		104
2L 2446cc Inline4 SOHC 2v Diesel		02/1982 - 09/1997		L4	92.0mm x 92.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1720A STD, 010, 020, 030, 040		54.985/2.1648	58.004/2.2836	1.486/.0585	26.00/1.024	F810	1720A
		55.000/2.1654	58.024/2.2844				IH
CONROD <i>Is plain with no oil hole.</i>							
4B1730A STD, 010, 020, 030, 040, 050		52.988/2.0861	56.000/2.2047	1.485/.0585	25.90/1.020	F810	1730A
		53.000/2.0866	56.020/2.2055				IH
MAINS <i>Set is fully grooved.</i>							
5M1727A STD, 010, 020, 030, 040, 060	1,2,3,4,5	61.980/2.4402	66.000/2.5984	1.986/.0782	27.56/1.085	F810	1727A
		62.000/2.4409	66.020/2.5992				IH
MAINS <i>Set is half grooved.</i>							
5M1728A STD, 010, 020, 030, 040	1,2,3,4,5	61.980/2.4402	66.000/2.5984	1.986/.0782	27.56/1.085	F810	1727A
		62.000/2.4409	66.020/2.5992				U
	1-5	61.980/2.4402	66.000/2.5984	1.986/.0782	27.56/1.085	F810	1728A
		62.000/2.4409	66.020/2.5992				L

104 Continued ...								104
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
2T1727 STD	THRUST	70.000/2.7559 70.250/2.7657	81.450/3.2067 81.700/3.2165		2.49/.098	F817	1727T UL	
3C8074 STD	CAMS	<i>Suits until 08/1988.</i>						
	1	34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	28.07/1.105	F820	8075AL(F) L	
	1,2,3	34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F820	8074AL U	
	2,3	34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F820	8074AL L	
5C8094 STD, .125, .25	CAMS							
	1	34.959/1.3763 34.975/1.3770	38.014/1.4966 38.038/1.4976	1.504/.0592	32.63/1.285	F820	8094AL(F) IH	
	2,3,4,5	27.959/1.1007 27.975/1.1014	31.014/1.2210 31.038/1.2220	1.504/.0592	17.50/.689	F820	8095AL IH	
4RB4080 UNB	PISTON PIN BUSH	<i>Set of 4. Suits 29mm shaft.</i>						
			32.000/1.2598 32.020/1.2606	1.700/.0669	30.50/1.201	F100	4RB4080	
4RB4100 UNB	PISTON PIN BUSH	<i>Set of 4. Suits 27mm shaft.</i>						
			30.000/1.1811 30.021/1.1819	1.520/.0598	31.00/1.221	F100	4RB4100	
4RB4252 UNB	PISTON PIN BUSH	<i>Set of 4. Suits 27mm shaft.</i>						
			30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	4RB4252	
RB4080 UNB	PISTON PIN BUSH	<i>Suits 29mm shaft.</i>						
			32.000/1.2598 32.020/1.2606	1.700/.0669	30.50/1.201	F100	RB4080	
RB4100 UNB	PISTON PIN BUSH	<i>Suits 27mm shaft.</i>						
			30.000/1.1811 30.021/1.1819	1.520/.0598	31.00/1.221	F100	RB4100	
RB4252 UNB	PISTON PIN BUSH	<i>Suits 27mm shaft.</i>						
			30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	RB4252	

105 Engine		Year			Cyl	Bore x Stroke		105
1HD-T 4164cc Inline6 SOHC 2v Turbo Diesel		01/1988 - 12/1995			L6	94.0mm x 100.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
6B8396A STD, .25, .50, .75, 1.00	CONROD	58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.492/.0587	23.55/.927	F810	8396A IH	
RACE SERIES 6B8396H STD, .025, .25	CONROD	58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.489/.0586	23.55/.927	F781	8396H IH	
RACE SERIES 6B8396HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>						
		58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.476/.0581	23.55/.927	F781	8396HX IH	
7M8397A STD, .25, .50, .75	MAINS	66.995/2.6376 67.005/2.6380	71.000/2.7953 71.018/2.7960	1.980/.0780	22.10/.870	F810	8397A UL	
RACE SERIES 7M8397H STD, .025, .25	MAINS	66.995/2.6376 67.005/2.6380	70.982/2.7946 71.000/2.7953	1.979/.0779	22.10/.870	F780	8397H UL	
RACE SERIES 7M8397HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
		66.995/2.6376 67.005/2.6380	70.982/2.7946 71.000/2.7953	1.979/.0779	22.10/.870	F780	8397HX UL	



105 Continued ...							105
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T8397 STD	THRUST	73.450/2.8917 73.700/2.9016	86.450/3.4035 86.700/3.4134		2.98/.117	F817	8397T UL
6RB4243 UNB	PISTON PIN BUSH	<i>Set of 6.</i>		1.530/.0602	30.50/1.201	F100	6RB4243
RB4243 UNB	PISTON PIN BUSH	<i>Single piece.</i>		1.530/.0602	30.50/1.201	F100	RB4243

106 Engine				Year	Cyl	Bore x Stroke	106
1HZ 4164cc Inline6 SOHC 2v Diesel				01/1988 - On	L6	94.0mm x 100.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B8396A STD, .25, .50, .75, 1.00	CONROD	58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.492/.0587	23.55/.927	F810	8396A IH
RACE SERIES 6B8396H STD, .025, .25	CONROD	58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.489/.0586	23.55/.927	F781	8396H IH
RACE SERIES 6B8396HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.476/.0581	23.55/.927	F781	8396HX IH
7M8397A STD, .25, .50, .75	MAINS	1,2,3,4,5,6,7	66.995/2.6376 67.005/2.6380	71.000/2.7953 71.018/2.7960	1.980/.0780	F810	8397A UL
RACE SERIES 7M8397H STD, .025, .25	MAINS	1,2,3,4,5,6,7	66.995/2.6376 67.005/2.6380	70.982/2.7946 71.000/2.7953	1.979/.0779	F780	8397H UL
RACE SERIES 7M8397HX STD	MAINS	1,2,3,4,5,6,7	<i>0.001" extra oil clearance on STD journal.</i>		1.979/.0779	F780	8397HX UL
2T8397 STD	THRUST	73.450/2.8917 73.700/2.9016	86.450/3.4035 86.700/3.4134		2.98/.117	F817	8397T UL
1C8398A STD	CAMS	34.969/1.3767 34.985/1.3774	38.020/1.4968 34.040/1.3402	1.504/.0592	28.75/1.132	F810	8398A IH
4RB4090 UNB	PISTON PIN BUSH	<i>Set of 6.</i>		1.700/.0669	27.20/1.071	F100	4RB4090
RB4090 UNB	PISTON PIN BUSH	<i>Single piece.</i>		1.700/.0669	27.20/1.071	F100	RB4090

107 Engine				Year	Cyl	Bore x Stroke	107
1KZ-TE 2982cc Inline4 SOHC 2v Turbo Diesel				01/1993 - On	L4	96.0mm x 103.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1850A STD, .25, .50, .75, 1.00	CONROD	58.982/2.3221 59.000/2.3228	62.014/2.4415 62.032/2.4422	1.489/.0586	24.60/.969	F810	1850A IH
5M1852A STD, .25, .50, .75, 1.00	MAINS	1,2,3,4,5	69.982/2.7552 70.000/2.7559	75.000/2.9528 75.018/2.9535	2.485/.0978	F810	1852A UL
2T1852 STD	THRUST	76.250/3.0020 76.500/3.0118	90.670/3.5697 90.920/3.5795		2.48/.098	F817	1852T UL



107 Continued ... 107

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 6. Has 2 oil holes.</i>							
4RB4250 UNB		33.990/1.3382 34.000/1.3386	37.000/1.4567 37.030/1.4579	1.530/.0602	31.50/1.240	F100	4RB4250
PISTON PIN BUSH <i>Has 2 oil holes.</i>							
RB4250 UNB		33.990/1.3382 34.000/1.3386	37.000/1.4567 37.030/1.4579	1.530/.0602	31.50/1.240	F100	RB4250

108 Engine Year Cyl Bore x Stroke 108
 1PZ 3470cc Inline5 SOHC 2v Diesel 01/1988 - 02/1993 L5 94.0mm x 100.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
5B8396A STD, .25, .50, .75		58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.492/.0587	23.55/.927	F810	8396A IH
MAINS							
6M8397A STD, .25, .50, .75	1,2,3,4,5,6	66.995/2.6376 67.005/2.6380	71.000/2.7953 71.018/2.7960	1.980/.0780	22.10/.870	F810	8397A UL
THRUST							
2T8397 STD		73.450/2.8917 73.700/2.9016	86.450/3.4035 86.700/3.4134		2.98/.117	F817	8397T UL
CAMS							
1C8398A STD		34.969/1.3767 34.985/1.3774	38.020/1.4968 34.040/1.3402	1.504/.0592	28.75/1.132	F810	8398A IH
PISTON PIN BUSH <i>Set of 5.</i>							
5RB4090 UNB		29.000/1.1417 29.012/1.1422	32.000/1.2598 32.030/1.2610	1.700/.0669	27.20/1.071	F100	5RB4090
PISTON PIN BUSH <i>Single piece.</i>							
RB4090 UNB		29.000/1.1417 29.012/1.1422	32.000/1.2598 32.030/1.2610	1.700/.0669	27.20/1.071	F100	RB4090

109 Engine Year Cyl Bore x Stroke 109
 1FZ-FE 4476cc Inline6 DOHC 4v 01/1990 - 12/2006 L6 100.0mm x 95.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B7990A STD, .25, .50, .75, 1.00		56.980/2.2433 57.000/2.2441	60.520/2.3827 60.540/2.3835	1.745/.0687	21.40/.843	F810	7990A IH
RACE SERIES							
6B7990H STD, .025, .25		56.980/2.2433 57.000/2.2441	60.520/2.3827 60.540/2.3835	1.745/.0687	21.40/.843	F781	7990H IH
RACE SERIES							
6B7990HX STD		56.980/2.2433 57.000/2.2441	60.520/2.3827 60.540/2.3835	1.732/.0682	21.40/.843	F781	7990HX IH
CONROD							
6B7990P STD, .25, .50, .75, 1.00		56.980/2.2433 57.000/2.2441	60.520/2.3827 60.540/2.3835	1.745/.0687	21.40/.843	F780	7990 IH
MAINS							
7M7989A STD, .25, .50	1,2,3,4,5,6,7	68.980/2.7157 69.000/2.7165	74.020/2.9142 74.040/2.9150	2.492/.0981	23.40/.921	F810	7989A UL
RACE SERIES							
7M7989H STD, .025, .25	1,2,3,4,5,6,7	68.980/2.7157 69.000/2.7165	74.020/2.9142 74.040/2.9150	2.489/.0980	23.40/.921	F780	7989H UL
RACE SERIES							
7M7989HX STD	1,2,3,4,5,6,7	68.980/2.7157 69.000/2.7165	74.020/2.9142 74.040/2.9150	2.476/.0975	23.40/.921	F780	7989HX UL
THRUST							
2T7989 STD		75.250/2.9626 75.500/2.9724	93.500/3.6811 93.750/3.6909		2.49/.098	F817	7989T UL



109 Continued ... 109

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
6RB4098 UNB	PISTON PIN BUSH	<i>Set of 6.</i>		28.010/1.1028	1.220/.0480	28.00/1.102	F100	6RB4098
				28.030/1.1035				
RB4098 UNB	PISTON PIN BUSH		28.010/1.1028	1.220/.0480	28.00/1.102	F100	RB4098	
			28.030/1.1035					

110 Engine 110
20R 2189cc Inline4 SOHC 2v **Year** 01/1973 - 04/1982 **Cyl** L4 **Bore x Stroke** 88.5mm x 88.9mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1701A STD, 010, 020, 030, 040, 060	CONROD	52.977/2.0857	56.000/2.2047	1.494/.0588	22.00/.866	F810	1701A	
		53.000/2.0866	56.022/2.2056				IH	
5M1703A STD, 010, 020, 030, 040	MAINS	<i>Full groove.</i>		2.000/.0787	21.97/.865	F810	1697A	
		1,2,4,5	59.976/2.3613					64.000/2.5197
		3	59.976/2.3613	64.000/2.5197	2.000/.0787	24.00/.945	F810	1703A
			60.000/2.3622	64.024/2.5206				IH
2T1703 STD	THRUST	<i>1.99 mm thick.</i>			1.99/.078	F817	1703T	
		66.250/2.6083	79.750/3.1398					80.000/3.1496
2B58286 STD	AUX	1	45.950/1.8091	49.980/1.9677	1.999/.0787	24.69/.972	F23	8286
			45.970/1.8098	50.000/1.9685				
		2	40.950/1.6122	44.981/1.7709	1.999/.0787	19.91/.784	F23	8287
			40.970/1.6130	45.001/1.7717				
4RB4028 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		1.230/.0484	27.80/1.095	F100	4RB4028	
		21.987/.8656	24.000/.9449					24.021/.9457
RB4028 UNB	PISTON PIN BUSH	21.987/.8656	24.000/.9449	1.230/.0484	28.70/1.130	F100	RB4028	
		22.000/.8661	24.021/.9457					

111 Engine 111
21R 1972cc Inline4 SOHC 2v **Year** 01/1978 - 01/1983 **Cyl** L4 **Bore x Stroke** 84.0mm x 89.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1701A STD, 010, 020, 030, 040, 060	CONROD	52.977/2.0857	56.000/2.2047	1.494/.0588	22.00/.866	F810	1701A	
		53.000/2.0866	56.022/2.2056				IH	
5M1703A STD, 010, 020, 030, 040	MAINS	<i>Full groove.</i>		2.000/.0787	21.97/.865	F810	1697A	
		1,2,4,5	59.976/2.3613					64.000/2.5197
		3	59.976/2.3613	64.000/2.5197	2.000/.0787	24.00/.945	F810	1703A
			60.000/2.3622	64.024/2.5206				IH
5M1705A STD, 010, 020, 030, 040, 060	MAINS	<i>Half groove.</i>		2.000/.0787	21.97/.865	F810	1697A	
		1,2,3,4,5	59.976/2.3613					64.000/2.5197
		1,2,3,4,5	59.976/2.3613	64.000/2.5197	2.000/.0787	21.97/.865	F810	1705A
			60.000/2.3622	64.024/2.5206				L
2T1703 STD	THRUST	<i>1.99 mm thick.</i>			1.99/.078	F817	1703T	
		66.250/2.6083	79.750/3.1398					80.000/3.1496
2B58286 STD	AUX	1	45.950/1.8091	49.980/1.9677	1.999/.0787	24.69/.972	F23	8286
			45.970/1.8098	50.000/1.9685				
		2	40.950/1.6122	44.981/1.7709	1.999/.0787	19.91/.784	F23	8287
			40.970/1.6130	45.001/1.7717				

111 Continued ... 111

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4028 UNB		21.987/.8656	24.000/.9449	1.230/.0484	27.80/1.095	F100	4RB4028
		22.000/.8661	24.021/.9457				
PISTON PIN BUSH							
RB4028 UNB		21.987/.8656	24.000/.9449	1.230/.0484	28.70/1.130	F100	RB4028
		22.000/.8661	24.021/.9457				

112 Engine Year Cyl Bore x Stroke 112

21R-C 1972cc Inline4 SOHC 2v 01/1982 - 12/1985 L4 84.0mm x 89.0mm
 21R-U 1972cc Inline4 SOHC 2v 01/1982 - 12/1988 L4 84.0mm x 89.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1701A STD, 010, 020, 030, 040, 060		52.977/2.0857	56.000/2.2047	1.494/.0588	22.00/.866	F810	1701A IH
		53.000/2.0866	56.022/2.2056				
MAINS <i>Half groove.</i>							
5M1705A STD, 010, 020, 030, 040, 060	1,2,3,4,5	59.976/2.3613	64.000/2.5197	2.000/.0787	21.97/.865	F810	1705A L
		60.000/2.3622	64.024/2.5206				
	1,2,3,4,5	59.976/2.3613	64.000/2.5197	2.000/.0787	21.97/.865	F810	1697A U
		60.000/2.3622	64.024/2.5206				
THRUST <i>1.99 mm thick.</i>							
2T1703 STD		66.250/2.6083	79.750/3.1398		1.99/.078	F817	1703T UL
		66.500/2.6181	80.000/3.1496				
AUX							
2BS8286 STD	1	45.950/1.8091	49.980/1.9677	1.999/.0787	24.69/.972	F23	8286
		45.970/1.8098	50.000/1.9685				
	2	40.950/1.6122	44.981/1.7709	1.999/.0787	19.91/.784	F23	8287
		40.970/1.6130	45.001/1.7717				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4028 UNB		21.987/.8656	24.000/.9449	1.230/.0484	27.80/1.095	F100	4RB4028
		22.000/.8661	24.021/.9457				
PISTON PIN BUSH							
RB4028 UNB		21.987/.8656	24.000/.9449	1.230/.0484	28.70/1.130	F100	RB4028
		22.000/.8661	24.021/.9457				

113 Engine Year Cyl Bore x Stroke 113

22R 2366cc Inline4 SOHC 2v 01/1980 - 07/1996 L4 92.0mm x 89.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1701A STD, 010, 020, 030, 040, 060		52.977/2.0857	56.000/2.2047	1.494/.0588	22.00/.866	F810	1701A IH
		53.000/2.0866	56.022/2.2056				
MAINS <i>Full groove.</i>							
5M1703A STD, 010, 020, 030, 040	1,2,4,5	59.976/2.3613	64.000/2.5197	2.000/.0787	21.97/.865	F810	1697A IH
		60.000/2.3622	64.024/2.5206				
	3	59.976/2.3613	64.000/2.5197	2.000/.0787	24.00/.945	F810	1703A IH
		60.000/2.3622	64.024/2.5206				
MAINS <i>Half groove.</i>							
5M1705A STD, 010, 020, 030, 040, 060	1,2,3,4,5	59.976/2.3613	64.000/2.5197	2.000/.0787	21.97/.865	F810	1697A U
		60.000/2.3622	64.024/2.5206				
	1,2,3,4,5	59.976/2.3613	64.000/2.5197	2.000/.0787	21.97/.865	F810	1705A L
		60.000/2.3622	64.024/2.5206				
THRUST <i>1.99 mm thick.</i>							
2T1703 STD		66.250/2.6083	79.750/3.1398		1.99/.078	F817	1703T UL
		66.500/2.6181	80.000/3.1496				
THRUST <i>2.74 mm thick.</i>							
2T1705 STD, .25		66.250/2.6083	79.750/3.1398		2.74/.108	F817	1705T UL
		66.500/2.6181	80.000/3.1496				



113 Continued ...							113
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2BS8286 STD	AUX						
	1	45.950/1.8091 45.970/1.8098	49.980/1.9677 50.000/1.9685	1.999/.0787	24.69/.972	F23	8286
	2	40.950/1.6122 40.970/1.6130	44.981/1.7709 45.001/1.7717	1.999/.0787	19.91/.784	F23	8287
	PISTON PIN BUSH Set of 4.						
4RB4028 UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	27.80/1.095	F100	4RB4028
	PISTON PIN BUSH						
RB4028 UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	28.70/1.130	F100	RB4028

114 Engine				Year	Cyl	Bore x Stroke	114
22R-E 2367cc Inline4 SOHC 2v				08/1982 - 12/1997	L4	92.0mm x 89.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1701A STD, 010, 020, 030, 040, 060	CONROD						
		52.977/2.0857 53.000/2.0866	56.000/2.2047 56.022/2.2056	1.494/.0588	22.00/.866	F810	1701A IH
5M1705A STD, 010, 020, 030, 040, 060	MAINS Half groove.						
	1,2,3,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	21.97/.865	F810	1697A U
	1,2,3,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	21.97/.865	F810	1705A L
	THRUST 1.99 mm thick.						
2T1703 STD		66.250/2.6083 66.500/2.6181	79.750/3.1398 80.000/3.1496		1.99/.078	F817	1703T UL
	THRUST 2.74 mm thick.						
2T1705 STD, .25		66.250/2.6083 66.500/2.6181	79.750/3.1398 80.000/3.1496		2.74/.108	F817	1705T UL
	AUX						
2BS8286 STD	1	45.950/1.8091 45.970/1.8098	49.980/1.9677 50.000/1.9685	1.999/.0787	24.69/.972	F23	8286
	2	40.950/1.6122 40.970/1.6130	44.981/1.7709 45.001/1.7717	1.999/.0787	19.91/.784	F23	8287
	PISTON PIN BUSH Set of 4.						
	4RB4028 UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	27.80/1.095	F100
PISTON PIN BUSH							
RB4028 UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	28.70/1.130	F100	RB4028

115 Engine				Year	Cyl	Bore x Stroke	115
22R-TEC 2367cc Inline4 SOHC 2v Turbo				11/1984 - 12/1988	L4	92.0mm x 89.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1701A STD, 010, 020, 030, 040, 060	CONROD						
		52.977/2.0857 53.000/2.0866	56.000/2.2047 56.022/2.2056	1.494/.0588	22.00/.866	F810	1701A IH
5M1705A STD, 010, 020, 030, 040, 060	MAINS Half groove.						
	1,2,3,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	21.97/.865	F810	1697A U
	1,2,3,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	21.97/.865	F810	1705A L
	THRUST 2.74 mm thick.						
2T1705 STD, .25		66.250/2.6083 66.500/2.6181	79.750/3.1398 80.000/3.1496		2.74/.108	F817	1705T UL

115 Continued ...							115
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2BS8286 STD	AUX						
	1	45.950/1.8091 45.970/1.8098	49.980/1.9677 50.000/1.9685	1.999/.0787	24.69/.972	F23	8286
	2	40.950/1.6122 40.970/1.6130	44.981/1.7709 45.001/1.7717	1.999/.0787	19.91/.784	F23	8287
	PISTON PIN BUSH Set of 4.						
4RB4028 UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	27.80/1.095	F100	4RB4028
	PISTON PIN BUSH						
RB4028 UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	28.70/1.130	F100	RB4028

116 Engine				Year	Cyl	Bore x Stroke	116
1S 1832cc Inline4 SOHC 2v				01/1981 - 09/1989	L4	80.5mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B8360A STD, .25, .50, .75, 1.00	CONROD For engines with 48mm shaft.						
		47.985/1.8892 48.000/1.8898	51.000/2.0079 51.024/2.0088	1.488/.0586	20.50/.807	F810	8360A IH
5M8361A STD, .25, .50, .75	MAINS						
	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	2.000/.0787	19.20/.756	F810	8361A UL
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.995/.0785	23.00/.906	F810	8362A UL
RACE SERIES 5M8361H STD, .025, .25, .50	MAINS						
	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	2.000/.0787	19.20/.756	F780	8361H UL
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.995/.0785	23.00/.906	F780	8362H UL
RACE SERIES 5M8361HX STD	MAINS 0.001" extra oil clearance on STD journal.						
	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.987/.0782	19.20/.756	F780	8361HX UL
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.982/.0780	23.00/.906	F780	8362HX UL
2T1689 STD, .125, .25, .50, .75	THRUST						
		63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F817	1689AT UL
2T1689P STD	THRUST						
		63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F780	1689T UL

117 Engine				Year	Cyl	Bore x Stroke	117
B 2977cc Inline4 OHV 2v Diesel				01/1972 - 12/1990	L4	95.0mm x 105.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1786A STD, .25, .50, .75, 1.00, 1.25	CONROD Suits to 08/1988. Has a 4mm oil hole at 10 degrees from centre.						
		58.980/2.3220 59.000/2.3228	62.000/2.4409 62.020/2.4417	1.487/.0585	30.00/1.181	F810	1786A IH
4B8375A STD, .25, .50, .75	CONROD Suits from 09/1988. Has a 4mm oil hole at 24.5° from centre.						
		58.980/2.3220 59.000/2.3228	62.000/2.4409 62.025/2.4419	1.490/.0587	30.00/1.181	F810	8375A IH
5M1787A STD, .25, .50, .75, 1.00, 1.25	MAINS Fully grooved set with integral flanges.						
	1,2,4,5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	27.60/1.087	F810	1787A IH
	3	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	33.93/1.336	F810	1788A(F) UL
5M8374A STD, .25, .50, .75, 1.00	MAINS Requires thrustwashers.						
	1,2,3,4,5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	26.90/1.059	F810	8374A UL



117 Continued ...								117
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
THRUST		<i>For Engines Equipped with Thrust Washers</i>						
2T8283 STD		76.250/3.0020	90.250/3.5531		2.48/.098	F817	8283T	
		76.500/3.0118	90.500/3.5630				UL	
CAMS		<i>Suits up to 08/1984.</i>						
3C8071 STD	1	47.159/1.8566	51.030/2.0091	1.915/.0754	24.00/.945	F23	8071	
		47.175/1.8573	51.060/2.0102					
	2	46.959/1.8488	51.030/2.0091	2.014/.0793	20.00/.787	F23	8072	
		46.975/1.8494	51.060/2.0102					
	3	46.759/1.8409	51.030/2.0091	2.115/.0833	24.00/.945	F23	8073	
		46.775/1.8415	51.060/2.0102					
CAMS		<i>Suits from 09/1988 on.</i>						
5C8205 STD	1	53.450/2.1043	57.500/2.2638	2.005/.0789	20.00/.787	F23	8205	
		53.475/2.1053	57.530/2.2650					
	2	53.200/2.0945	57.250/2.2539	2.005/.0789	20.00/.787	F23	8206	
		53.225/2.0955	57.280/2.2551					
	3	52.950/2.0846	57.000/2.2441	2.005/.0789	20.00/.787	F23	8207	
		52.975/2.0856	57.030/2.2453					
	4	52.700/2.0748	57.000/2.2441	2.130/.0839	20.00/.787	F23	8208	
		52.725/2.0758	57.030/2.2453					
	5	52.450/2.0650	57.250/2.2539	2.380/.0937	20.00/.787	F23	8209	
		52.475/2.0659	57.282/2.2552					
CAMS		<i>Suits from 09/1984 to 06/1986.</i>						
5C8215 STD	1	53.450/2.1043	56.500/2.2244	1.505/.0593	20.00/.787	F23	8215	
		53.475/2.1053	56.530/2.2256					
	2	53.200/2.0945	56.250/2.2146	1.505/.0593	20.00/.787	F23	8216	
		53.225/2.0955	56.280/2.2157					
	3	52.950/2.0846	56.000/2.2047	1.505/.0593	20.00/.787	F23	8217	
		52.975/2.0856	56.030/2.2059					
	4	52.700/2.0748	56.000/2.2047	1.630/.0642	20.00/.787	F23	8218	
		52.725/2.0758	56.030/2.2059					
	5	52.450/2.0650	56.250/2.2146	1.880/.0740	20.00/.787	F23	8219	
		52.475/2.0659	56.280/2.2157					
CAMS		<i>Suits from 06/1986 to 08/1988.</i>						
5C8217 STD	1	53.450/2.1043	57.500/2.2638	2.005/.0789	20.00/.787	F23	8205	
		53.475/2.1053	57.530/2.2650					
	2	53.200/2.0945	57.250/2.2539	2.005/.0789	20.00/.787	F23	8206	
		53.225/2.0955	57.280/2.2551					
	3	52.950/2.0846	56.000/2.2047	1.505/.0593	20.00/.787	F23	8217	
		52.975/2.0856	56.030/2.2059					
	4	52.700/2.0748	56.000/2.2047	1.630/.0642	20.00/.787	F23	8218	
		52.725/2.0758	56.030/2.2059					
	5	52.450/2.0650	56.250/2.2146	1.880/.0740	20.00/.787	F23	8219	
		52.475/2.0659	56.280/2.2157					
PISTON PIN BUSH		<i>Set of 4.</i>						
4RB4065 UNB		29.000/1.1417	33.000/1.2992	2.110/.0831	32.00/1.260	F100	4RB4065	
		29.012/1.1422	33.025/1.3002					
PISTON PIN BUSH		<i>Single piece.</i>						
RB4065 UNB		29.000/1.1417	33.000/1.2992	2.110/.0831	32.00/1.260	F100	RB4065	
		29.012/1.1422	33.025/1.3002					

118 Engine		Year		Cyl	Bore x Stroke		118
L 2188cc Inline4 SOHC 2v Diesel		01/1978 - 08/1988		L4	90.0mm x 86.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has 6mm oil hole.</i>					
4B1726A STD, 010, 020, 030, 040, 060		52.988/2.0861	56.004/2.2049	1.485/.0585	25.90/1.020	F810	1726A
		53.000/2.0866	56.024/2.2057				IH

118		Continued ...						118	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B1730A STD, 010, 020, 030, 040, 050,		CONROD <i>Is plain with no oil hole.</i>		52.988/2.0861 53.000/2.0866	56.000/2.2047 56.020/2.2055	1.485/.0585	25.90/1.020	F810	1730A IH
5M1727A STD, 010, 020, 030, 040, 060		MAINS <i>Set is fully grooved.</i>		61.980/2.4402 62.000/2.4409	66.000/2.5984 66.020/2.5992	1.986/.0782	27.56/1.085	F810	1727A IH
5M1728A STD, 010, 020, 030, 040		MAINS <i>Set is half grooved.</i>		61.980/2.4402 62.000/2.4409	66.000/2.5984 66.020/2.5992	1.986/.0782	27.56/1.085	F810	1727A U
				61.980/2.4402 62.000/2.4409	66.000/2.5984 66.020/2.5992	1.986/.0782	27.56/1.085	F810	1728A L
2T1727 STD		THRUST		70.000/2.7559 70.250/2.7657	81.450/3.2067 81.700/3.2165		2.49/.098	F817	1727T UL
3C8074 STD		CAMS <i>Suits until 08/1988.</i>		34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	28.07/1.105	F820	8075AL(F) L
				34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F820	8074AL U
				34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F820	8074AL L
4RB4252 UNB		PISTON PIN BUSH <i>Set of 4. Suits 27mm shaft.</i>			30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	4RB4252
RB4252 UNB		PISTON PIN BUSH <i>Suits 27mm shaft.</i>			30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	RB4252

119		Engine	Year	Cyl	Bore x Stroke	119			
		J 2336cc Inline4 SOHC 2v Diesel	01/1965 - 12/1970	L4	88.0mm x 96.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B1361A STD, .25, .50, .75, 1.00		CONROD		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.485/.0585	27.55/1.085	F810	1361A IH
5M1362A STD, .25, .50, .75, 1.00		MAINS		69.980/2.7551 70.000/2.7559	74.000/2.9134 74.021/2.9142	1.989/.0783	24.63/.970	F810	1362A IH
				69.980/2.7551 70.000/2.7559	74.000/2.9134 74.021/2.9142	1.989/.0783	31.37/1.235	F810	1365A IH
2T1362 STD		THRUST		75.950/2.9902 76.200/3.0000	89.410/3.5201 89.660/3.5299		3.00/.118	F817	1362T UL
4C8056 STD		CAMS		47.164/1.8568 47.180/1.8575	51.000/2.0079 51.019/2.0086	1.905/.0750	24.00/.945	F23	8056
				46.964/1.8490 46.980/1.8496	51.000/2.0079 51.019/2.0086	2.005/.0789	20.00/.787	F23	8057
				46.764/1.8411 46.780/1.8417	51.000/2.0079 51.019/2.0086	2.105/.0829	20.00/.787	F23	8058
				46.564/1.8332 46.580/1.8339	51.000/2.0079 51.019/2.0086	2.205/.0868	24.00/.945	F23	8059
4RB4244 UNB		PISTON PIN BUSH <i>Set of 4.</i>			30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	4RB4244
RB4244 UNB		PISTON PIN BUSH <i>Single piece.</i>			30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	RB4244



120 Engine		Year		Cyl	Bore x Stroke		120
H 3576cc Inline6 OHV 2v Diesel		01/1969 - 03/1982		L6	88.0mm x 98.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole and is 27.55mm wide.</i>							
6B1361A STD, .25, .50, .75, 1.00		54.980/2.1646	58.000/2.2835	1.485/.0585	27.55/1.085	F810	1361A
		55.000/2.1654	58.020/2.2842				IH
MAINS							
7M1388A STD, .25, .50, .75, 1.00	1,2,3,5,6,7	69.980/2.7551	74.000/2.9134	1.989/.0783	22.46/884	F810	1388A
		70.000/2.7559	74.021/2.9142				IH
	4	69.980/2.7551	74.000/2.9134	1.989/.0783	29.60/1.165	F810	1389A
		70.000/2.7559	74.021/2.9142				IH
THRUST							
2T1362 STD		75.950/2.9902	89.410/3.5201		3.00/.118	F817	1362T
		76.200/3.0000	89.660/3.5299				UL
CAMS							
4C8056 STD	1	47.164/1.8568	51.000/2.0079	1.905/.0750	24.00/.945	F23	8056
		47.180/1.8575	51.019/2.0086				
	2	46.964/1.8490	51.000/2.0079	2.005/.0789	20.00/.787	F23	8057
		46.980/1.8496	51.019/2.0086				
	3	46.764/1.8411	51.000/2.0079	2.105/.0829	20.00/.787	F23	8058
		46.780/1.8417	51.019/2.0086				
	4	46.564/1.8332	51.000/2.0079	2.205/.0868	24.00/.945	F23	8059
		46.580/1.8339	51.019/2.0086				
CAMS							
4C8065 STD	1	47.164/1.8568	51.000/2.0079	1.905/.0750	24.00/.945	F23	8056
		47.180/1.8575	51.019/2.0086				
	2	46.964/1.8490	51.000/2.0079	2.005/.0789	20.00/.787	F23	8057
		46.980/1.8496	51.019/2.0086				
	3	46.764/1.8411	51.000/2.0079	2.105/.0829	20.00/.787	F23	8058
		46.780/1.8417	51.019/2.0086				
	4	46.564/1.8332	51.000/2.0079	2.205/.0868	24.00/.945	F23	8065
		46.580/1.8339	51.019/2.0086				
PISTON PIN BUSH <i>Set of 6.</i>							
4RB4023 UNB		27.000/1.0630	30.000/1.1811	1.730/.0681	30.50/1.201	F100	4RB4023
		27.012/1.0635	30.021/1.1819				
PISTON PIN BUSH <i>Single piece.</i>							
RB4023 UNB		27.000/1.0630	30.000/1.1811	1.730/.0681	30.50/1.201	F100	RB4023
		27.012/1.0635	30.021/1.1819				

121 Engine		Year		Cyl	Bore x Stroke		121
D 5890cc 6 SOHC 2v Diesel		01/1964 - 12/1974		L6	100.0mm x 125.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B1356P STD, .010, .020, .030, .040		61.970/2.4398	66.030/2.5996	1.994/.0785	30.98/1.220	F780	1356
		61.990/2.4405	66.050/2.6004				IH
MAINS							
7M1357P STD, .010, .020, .030, .040, .060	1,2,3,5,6,7	74.970/2.9516	81.030/3.1902	2.990/.1177	34.03/1.340	F780	1357
		74.990/2.9524	81.050/3.1909				IH
	4	74.970/2.9516	81.030/3.1902	2.990/.1177	49.02/1.930	F780	1358
		74.990/2.9524	81.050/3.1909				IH
THRUST							
2T1357 STD			100.000/3.9370		2.98/.117	F817	1357T
							UL
PISTON PIN BUSH <i>Set of 6. Suits 40mm tunnel, engines up to 8/1976.</i>							
6RB4248 UNB		34.000/1.3386	40.000/1.5748	3.030/.1193	37.00/1.457	F100	6RB4248
		34.030/1.3398					
PISTON PIN BUSH <i>Suits 40mm tunnel, engines up to 8/1976.</i>							
RB4248 UNB		34.000/1.3386	40.000/1.5748	3.030/.1193	37.00/1.457	F100	RB4248
		34.030/1.3398					

122 Engine		Year		Cyl	Bore x Stroke		122
6M-GE 2954cc Inline6 DOHC 2v		07/1983 - 12/1986		L6	83.0mm x 91.0mm		
7M-GTE 2954cc Inline6 DOHC 4v Turbo		10/1986 - 12/1993		L6	83.0mm x 91.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
6B1170A STD, .25, .50, .75, 1.00		51.984/2.0466	55.015/2.1659	1.500/.0591	19.90/.784	F810	1170A IH
		52.000/2.0472	55.035/2.1667				
MAINS <i>Bearings in position number one are 25mm wide, bearings in positions 2-7 are 22mm wide.</i>							
7M1165A STD, .25, .50, .75, 1.00	1	59.985/2.3616	64.022/2.5205	2.000/.0787	25.00/.984	F810	1166A UL
		60.010/2.3626	64.046/2.5215				
	2,3,4,5,6,7	59.985/2.3616	64.022/2.5205	2.000/.0787	22.00/.866	F810	1165A UL
		60.010/2.3626	64.046/2.5215				
THRUST <i>2.97 mm Thick.</i>							
2T7962 STD		65.500/2.5787	79.750/3.1398		2.98/.117	F817	7962T UL
		66.250/2.6083	80.000/3.1496				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4008 UNB		22.000/.8661	24.000/.9449	1.120/.0441	25.24/.994	F100	4RB4008
		22.000/.8661	24.000/.9449				
PISTON PIN BUSH							
RB4008 UNB		22.000/.8661	24.000/.9449	1.120/.0441	25.25/.994	F100	RB4008
		22.000/.8661	24.000/.9449				

123 Engine		Year		Cyl	Bore x Stroke		123
7M-GE 2954cc Inline6 DOHC 4v		01/1986 - 12/1993		L6	83.0mm x 91.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
6B1170A STD, .25, .50, .75, 1.00		51.984/2.0466	55.015/2.1659	1.500/.0591	19.90/.784	F810	1170A IH
		52.000/2.0472	55.035/2.1667				
MAINS <i>Bearings in position number one are 25mm wide, bearings in positions 2-7 are 22mm wide.</i>							
7M1165A STD, .25, .50, .75, 1.00	1	59.985/2.3616	64.022/2.5205	2.000/.0787	25.00/.984	F810	1166A UL
		60.010/2.3626	64.046/2.5215				
	2,3,4,5,6,7	59.985/2.3616	64.022/2.5205	2.000/.0787	22.00/.866	F810	1165A UL
		60.010/2.3626	64.046/2.5215				
THRUST <i>2.97 mm Thick.</i>							
2T7962 STD		65.500/2.5787	79.750/3.1398		2.98/.117	F817	7962T UL
		66.250/2.6083	80.000/3.1496				
AUX							
2BS8078 STD	1		44.981/1.7709	2.009/.0791	16.25/.640	F23	8078
			45.001/1.7717				
	2		36.980/1.4559	2.009/.0791	16.25/.640	F23	8079
			37.000/1.4567				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4008 UNB		22.000/.8661	24.000/.9449	1.120/.0441	25.24/.994	F100	4RB4008
		22.000/.8661	24.000/.9449				
PISTON PIN BUSH							
RB4008 UNB		22.000/.8661	24.000/.9449	1.120/.0441	25.25/.994	F100	RB4008
		22.000/.8661	24.000/.9449				

124 Engine		Year		Cyl	Bore x Stroke		124
7A-FE 1762cc Inline4 DOHC 4v		06/1992 - 12/2001		L4	81.0mm x 85.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1680A STD, .25, .50, .75, 1.00, 1.25		47.988/1.8893	51.000/2.0079	1.490/.0587	17.10/.673	F810	1680A IH
		48.000/1.8898	51.024/2.0088				
MAINS <i>Half groove set.</i>							
5M1695A STD, .25, .50, .75, 1.00	1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.004/.0789	19.90/.784	F810	1704A U
		48.000/1.8898	52.050/2.0492				



124 Continued ...							124
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1695A STD, .25, .50, .75, 1.00	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/.0789	19.90/.784	F810	1695A L
RACE SERIES		MAINS					
5M1695H STD, .025, .25, .50	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.001/.0788	19.90/.783	F780	1704H U
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.001/.0788	19.90/.783	F780	1695H L
RACE SERIES		MAINS					
5M1695HX STD	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	1.988/.0783	19.90/.783	F780	1704HX U
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	1.988/.0783	19.90/.783	F780	1695HX L
		THRUST					
2T1695 STD		53.500/2.1063 53.750/2.1161	65.750/2.5886 66.000/2.5984		2.49/.098	F817	1695T UL

125 Engine		Year	Cyl	Bore x Stroke	125		
F 3878cc Inline6 OHV 2v		01/1954 - 12/1974	L6	90.0mm x 101.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B7971A STD, .010, .020, .030, .040, .060		53.980/2.1252 54.000/2.1260	56.800/2.2362 56.820/2.2370	1.380/.0543	32.89/1.295	F810	7971A IH
MAINS							
<i>From engine no. F510001. Bearings have no notches.</i>							
4M7972A STD, .010, .020, .030	1	66.975/2.6368 67.000/2.6378	71.999/2.8346 72.019/2.8354	2.487/.0979	32.13/1.265	F810	7972A UL
	2	68.473/2.6958 68.500/2.6968	73.500/2.8937 73.520/2.8945	2.487/.0979	30.12/1.186	F810	7973A UL
	3	69.975/2.7549 70.000/2.7559	74.999/2.9527 75.019/2.9535	2.487/.0979	35.99/1.417	F810	7974A(F) UL
	4	71.476/2.8140 71.500/2.8150	76.500/3.0118 76.520/3.0126	2.487/.0979	40.13/1.580	F810	7975A UL
MAINS							
<i>To engine no. F510000. Bearings have locating notches.</i>							
4M7982A STD, .010, .020, .030, .040	1	66.975/2.6368 67.000/2.6378	71.999/2.8346 72.034/2.8360	2.497/.0983	32.13/1.265	F810	7982A UL
	2	68.473/2.6958 68.500/2.6968	73.500/2.8937 73.536/2.8951	2.497/.0983	30.12/1.186	F810	7983A IH
	3	69.976/2.7550 70.000/2.7559	75.010/2.9531 75.034/2.9541	2.492/.0981	35.94/1.415	F810	7984A(F) IH
	4	71.470/2.8138 71.500/2.8150	76.500/3.0118 76.535/3.0132	2.497/.0983	40.13/1.580	F810	7985A UL
CAMS							
4C7979 STD	1	47.955/1.8880 47.975/1.8888	52.000/2.0472 52.035/2.0486	2.014/.0793	29.23/1.151	F23	7976
	2	46.455/1.8289 46.475/1.8297	50.500/1.9882 50.535/1.9896	2.014/.0793	24.25/.955	F23	7977
	3	44.955/1.7699 44.975/1.7707	49.000/1.9291 49.030/1.9303	2.014/.0793	24.25/.955	F23	7970
	4	43.455/1.7108 43.475/1.7116	47.500/1.8701 47.530/1.8713	2.014/.0793	25.25/.994	F23	7979

Triumph/Standard



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
1296cc Inline4 OHV 2v	01/1968 - 12/1972	L4	1296	79	6
1493cc Inline4 OHV 2v	01/1970 - 01/1981	L4	1493	91	6
1670cc Inline4 OHV 2v	01/1947 - 12/1963	L4	1670	101	3
P104S 1709cc Inline4 SOHC 2v	01/1968 - 12/1971	L4	1709	104	1
PE104S 1854cc Inline4 SOHC 2v	01/1972 - 12/1981	L4	1854	113	1
1991cc Inline4 OHV 2v	01/1953 - 12/1961	L4	1991	121	3
1998cc Inline4 SOHC 2v	01/1973 - 12/1981	L4	1998	121	1
1998cc Inline6 OHV 2v	01/1964 - 12/1977	L6	1998	121	4
PE124 1998cc Inline4 SOHC 4v	01/1973 - 01/1978	L4	1998	121	1
2088cc Inline4 OHV 2v	01/1948 - 12/1955	L4	2088	127	3
20C 2092cc Inline4 OHV 2v Diesel	01/1954 - 12/1956	L4	2092	127	2
2138cc Inline4 OHV 2v	01/1952 - 12/1967	L4	2138	130	3
23C 2260cc Inline4 OHV 2v Diesel	01/1956 - 12/1963	L4	2260	137	2
2498cc Inline6 OHV 2v	01/1967 - 01/1981	L6	2498	152	4
3528cc V8 OHV 2v	01/1973 - 12/1976	V8	3528	215	5



Triumph/Standard

1 Engine		Year	Cyl	Bore x Stroke	1		
1998cc Inline4 SOHC 2v		01/1973 - 12/1981	L4	74.7mm x 78.0mm			
P104S 1709cc Inline4 SOHC 2v		01/1968 - 12/1971	L4	83.5mm x 78.0mm			
PE104S 1854cc Inline4 SOHC 2v		01/1972 - 12/1981	L4	87.0mm x 78.0mm			
PE124 1998cc Inline4 SOHC 4v		01/1973 - 01/1978	L4	74.7mm x 78.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2556P STD, 010, 020, 030, 040		44.450/1.7500	48.146/1.8955	1.829/.0720	18.92/.745	F780	2556
		44.463/1.7505	48.158/1.8960				IH
MAINS							
5M2557 STD, 010, 020, 030	1,2,3,4,5	53.988/2.1255	57.683/2.2710	1.824/.0718	20.70/.815	F780	2557
		54.000/2.1260	57.696/2.2715				IH
2 Engine		Year	Cyl	Bore x Stroke	2		
20C 2092cc Inline4 OHV 2v Diesel		01/1954 - 12/1956	L4	81.0mm x 101.6mm			
23C 2260cc Inline4 OHV 2v Diesel		01/1956 - 12/1963	L4	84.1mm x 101.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1084P STD, 010, 020, 030, 040, 050,		58.699/2.3110	62.408/2.4570	1.829/.0720	26.92/1.060	F780	1084
		58.712/2.3115	62.420/2.4575				IH
3 Engine		Year	Cyl	Bore x Stroke	3		
1670cc Inline4 OHV 2v		01/1947 - 12/1963	L4	76.0mm x 92.0mm			
1991cc Inline4 OHV 2v		01/1953 - 12/1961	L4	83.0mm x 92.0mm			
2088cc Inline4 OHV 2v		01/1948 - 12/1955	L4	85.0mm x 92.0mm			
2138cc Inline4 OHV 2v		01/1952 - 12/1967	L4	86.0mm x 92.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1841P STD, 010, 020, 030, 040, 060		52.984/2.0860	56.710/2.2327	1.842/.0725	24.76/.975	F780	1841
		53.000/2.0866	56.731/2.2335				IH
CONROD <i>Babbitt Bearing</i>							
4B3068 STD, 010, 020, 030, 040		52.984/2.0860	56.711/2.2327	1.848/.0728	24.76/.975	F23	3068
		53.000/2.0866	56.731/2.2335				IH
MAINS							
3M3284 STD, 010, 020, 030	1,2,3	62.967/2.4790	66.675/2.6250	1.835/.0722	38.23/1.505	F23	3284
		62.979/2.4795	66.688/2.6255				IH
THRUST							
2T7062 STD, 005		68.072/2.6800	80.823/3.1820		2.36/.093	F1	7062T
		68.326/2.6900	81.077/3.1920				UL
PISTON PIN BUSH							
RB875		22.225/.8750	25.387/.9995	1.740/.0685	27.56/1.085	F100	RB875
		22.230/.8752	25.400/1.0000				
4 Engine		Year	Cyl	Bore x Stroke	4		
1998cc Inline6 OHV 2v		01/1964 - 12/1977	L6	74.7mm x 76.0mm			
2498cc Inline6 OHV 2v		01/1967 - 01/1981	L6	74.7mm x 95.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Set contains one pair of bearings. Order # of pairs req'd.</i>							
1B2406P Std, 010, 020, 030, 040		47.625/1.8750	51.333/2.0210	1.839/.0724	17.58/.692	F780	2405
		47.638/1.8755	51.346/2.0215				IH
CONROD							
6B2406A STD, 010, 020, 030, 040		47.625/1.8750	51.333/2.0210	1.837/.0723	17.58/.692	F810	2406A
		47.638/1.8755	51.346/2.0215				IH
MAINS <i>Set contains one pair of bearings. Order # of pairs req'd.</i>							
1M2407P STD, 010, 020, 030, 040		58.699/2.3110	62.408/2.4570	1.839/.0724	21.71/.855	F780	2408
		58.712/2.3115	62.420/2.4575				IH

Triumph/Standard



4 Continued ... 4

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4M2407A STD, 010, 020, 030, 040, 050	MAINS 1,2,3,4	58.699/2.3110 58.712/2.3115	62.408/2.4570 62.420/2.4575	1.839/.0724	21.71/.855	F810	2407A IH
	THRUST	65.580/2.5819 65.840/2.5921	77.470/3.0500 77.720/3.0598		2.36/.093	F250	2407T IH
RB890	PISTON PIN BUSH	20.632/.8123 20.638/.8125	23.800/.9370 23.800/.9370	1.730/.0681	22.35/.880	F100	RB890

5 Engine Year Cyl Bore x Stroke 5

3528cc V8 OHV 2v 01/1973 - 12/1976 V8 88.9mm x 71.1mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B610A STD, 010, 020, 030, 040	CONROD	50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/.0618	18.84/.742	F810	2226A IH
	MAINS 1,2,4,5 3	<i>Overwidth flanges on undersizes: Std=Std, 010"=Std+010".</i>		2.426/.0955	20.50/.807	F820	2217AL UL
5M2217A STD, 010		58.400/2.2992 58.412/2.2997	63.274/2.4911 63.287/2.4916	2.426/.0955	26.87/1.058	F820	2218AL(F) UL
	CAMS 1 2 3 4 5	45.339/1.7850 45.364/1.7860 44.577/1.7550 44.602/1.7560 43.815/1.7250 43.840/1.7260 43.053/1.6950 43.078/1.6960 42.291/1.6650 42.316/1.6660	48.654/1.9155 48.704/1.9175 47.892/1.8855 47.942/1.8875 47.130/1.8555 47.180/1.8575 46.368/1.8255 46.418/1.8275 45.606/1.7955 45.656/1.7975	1.633/.0643	19.30/.760	F23	4326 4327 4328 4329 4320

6 Engine Year Cyl Bore x Stroke 6

1296cc Inline4 OHV 2v 01/1968 - 12/1972 L4 73.6mm x 76.0mm
1493cc Inline4 OHV 2v 01/1970 - 01/1981 L4 73.6mm x 87.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
1B2406P Std, 010, 020, 030, 040	CONROD	<i>Set contains one pair of bearings. Order # of pairs req'd.</i>		1.839/.0724	17.58/.692	F780	2405 IH
		47.625/1.8750 47.638/1.8755	51.333/2.0210 51.346/2.0215				
4B2406A STD, 010, 020, 030, 040	CONROD	<i>Set contains one pair of bearings. Order # of pairs req'd.</i>		1.837/.0723	17.58/.692	F810	2406A IH
		47.625/1.8750 47.638/1.8755	51.333/2.0210 51.346/2.0215				
1M2407P STD, 010, 020, 030, 040	MAINS	<i>Set contains one pair of bearings. Order # of pairs req'd.</i>		1.839/.0724	21.71/.855	F780	2408 IH
		58.699/2.3110 58.712/2.3115	62.408/2.4570 62.420/2.4575				
3M2407A STD, 010, 020, 030	MAINS 1,2,3	58.699/2.3110 58.712/2.3115	62.408/2.4570 62.420/2.4575	1.839/.0724	21.71/.855	F810	2407A IH
	THRUST	65.580/2.5819 65.840/2.5921	77.470/3.0500 77.720/3.0598		2.36/.093	F250	2407T IH



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
HA20 1057cc Inline4 OHV 2v	01/1964 - 12/1967	L4	1057	64	3
HA22 1159cc Inline4 OHV 2v	01/1966 - 12/1971	L4	1159	70	3
HB22 1256cc Inline4 OHV 2v	01/1971 - 12/1985	L4	1256	76	2
1599cc Inline 4 OHC 2v	01/1967 - 12/1972	L4	1599	97	1
1759cc Inline 4 SOHC 2v	01/1967 - 01/1974	L4	1759	107	1
1796cc Inline4 SOHC 2v	01/1982 - On	L4	1796	109	4
1975cc Inline4 OHV 2v	01/1967 - 12/1972	L4	1975	120	1
2279cc Inline4 OHV 2v	01/1972 - 12/1979	L4	2279	139	1

1	Engine	Year	Cyl	Bore x Stroke	1
	1599cc Inline 4 OHC 2v	01/1967 - 12/1972	L4	85.7mm x 69.2mm	
	1759cc Inline 4 SOHC 2v	01/1967 - 01/1974	L4	85.7mm x 76.2mm	
	1975cc Inline4 OHV 2v	01/1967 - 12/1972	L4	95.3mm x 69.2mm	
	2279cc Inline4 OHV 2v	01/1972 - 12/1979	L4	97.5mm x 76.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1346P STD, 010, 020, 030	CONROD	50.737/1.9975	54.508/2.1460	1.862/.0733	23.70/.933	F780	1346	
		50.762/1.9985	54.521/2.1465				IH	
5M1347P STD, 010, 020, 030	MAINS	1,2,4	63.487/2.4995	67.704/2.6655	2.083/.0820	23.36/.920	F780	1347
			63.512/2.5005	67.716/2.6660				IH
		3	63.487/2.4995	67.704/2.6655	2.083/.0820	23.36/.920	F780	1348
			63.512/2.5005	67.716/2.6660				IH
		5	63.487/2.4995	67.704/2.6655	2.083/.0820	34.01/1.339	F780	1349(F)
63.512/2.5005	67.716/2.6660				IH			
RB889	PISTON PIN BUSH	22.007/.8664	25.387/.9995	1.854/.0730	29.97/1.180	F100	RB889	
		22.009/.8665	25.400/1.0000					

2	Engine	Year	Cyl	Bore x Stroke	2
	HB22 1256cc Inline4 OHV 2v	01/1971 - 12/1985	L4	81.0mm x 61.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B5120A STD, 010, 020, 030, 040	CONROD	<i>From Engine No.1400011.</i>						
		46.487/1.8302	49.594/1.9525	1.529/.0602	19.20/.756	F820	5120AL	
		46.507/1.8310	49.606/1.9530				IH	
4B5121A STD, 010, 020, 030, 040	CONROD	44.971/1.7705	48.158/1.8960	1.570/.0618	19.20/.756	F820	5121AL	
		44.988/1.7712	48.171/1.8965				IH	
3M5123A STD, 010, 020, 030, 040	MAINS	<i>Overwidth flanges on undersizes: Std=Std, 010/020=Std+004", 030/040=Std+008".</i>						
		1,3	53.988/2.1255	58.000/2.2835	1.994/.0785	25.57/1.007	F820	5122AL
			54.000/2.1260	58.014/2.2840				IH
		2	53.988/2.1255	58.000/2.2835	1.989/.0783	32.74/1.289	F820	5123AL(F)
54.000/2.1260	58.014/2.2840					UL		
3C5126 STD	CAMS	1	40.963/1.6127	44.000/1.7323	1.486/.0585	21.00/.827	F23	5126
			40.975/1.6132	44.025/1.7333				
		2	40.462/1.5930	43.500/1.7126	1.486/.0585	21.00/.827	F23	5127
			40.475/1.5935	43.525/1.7136				
		3	39.962/1.5733	43.000/1.6929	1.486/.0585	21.00/.827	F23	5128
			39.974/1.5738	43.025/1.6939				

3	Engine	Year	Cyl	Bore x Stroke	3
	HA20 1057cc Inline4 OHV 2v	01/1964 - 12/1967	L4	74.3mm x 61.0mm	
	HA22 1159cc Inline4 OHV 2v	01/1966 - 12/1971	L4	77.7mm x 61.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B5121A STD, 010, 020, 030, 040	CONROD	44.971/1.7705	48.158/1.8960	1.570/.0618	19.20/.756	F820	5121AL	
		44.988/1.7712	48.171/1.8965				IH	
3M5123A STD, 010, 020, 030, 040	MAINS	<i>Overwidth flanges on undersizes: Std=Std, 010/020=Std+004", 030/040=Std+008".</i>						
		1,3	53.988/2.1255	58.000/2.2835	1.994/.0785	25.57/1.007	F820	5122AL
			54.000/2.1260	58.014/2.2840				IH
		2	53.988/2.1255	58.000/2.2835	1.989/.0783	32.74/1.289	F820	5123AL(F)
54.000/2.1260	58.014/2.2840					UL		
3C5126 STD	CAMS	1	40.963/1.6127	44.000/1.7323	1.486/.0585	21.00/.827	F23	5126
			40.975/1.6132	44.025/1.7333				
		2	40.462/1.5930	43.500/1.7126	1.486/.0585	21.00/.827	F23	5127
			40.475/1.5935	43.525/1.7136				



3 Continued ...								3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
3C5126 STD	3	39.962/1.5733 39.974/1.5738	43.000/1.6929 43.025/1.6939	1.486/.0585	21.00/.827	F23	5128	
4 Engine								4
1796cc Inline4 SOHC 2v				Year 01/1982 - On	Cyl L4	Bore x Stroke 84.8mm x 79.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>								
4B2322A STD, .25, .50, .75, 1.00		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2322A UL	
RACE SERIES								
4B2322H STD, .025, .25, .50		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL	
RACE SERIES								
4B2322HX STD		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.485/.0585	19.30/.760	F781	2322HX UL	
CONROD <i>Has one oil hole in the upper shell at 42 degrees from centre. Suits earlier engines up to 11/85.</i>								
4B2326P STD, .25, .50, .75, 1.00, 1.50		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F780	2326 UL	
MAINS <i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>								
5M2293A STD, .25, .50	1,2,4,5 3	57.982/2.2828 57.995/2.2833 57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785 1.995/.0785	19.50/.768 25.90/1.020	F820 F820	2293AL UL 2294AL UL	
MAINS <i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>								
5M2327A STD, .25, .50, .75, 1.00	1,2,4,5 3	57.982/2.2828 57.995/2.2833 57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785 1.995/.0785	19.50/.768 25.90/1.020	F810 F810	2327A IH 2328A(F) IH	
MAINS <i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>								
5M2329A STD, .25, .50, .75, 1.00, 1.25	1,2,4,5 3	57.982/2.2828 57.995/2.2833 57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785 1.995/.0785	19.50/.768 25.90/1.020	F810 F810	2327A IH 2329A(F) IH	

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
HE 771cc Inline4 SOHC 2v	01/1976 - 07/1978	L4	771	47	1
HA 895cc Inline4 SOHC 2v	04/1975 - 09/1981	L4	895	54	2
AER 999cc Inline4 SOHC 2v	07/1996 - 05/2000	L4	999	60	144
AFZ 999cc Inline4 SOHC 2v	07/1997 - 05/2002	L4	999	60	135
AHT 999cc Inline4 SOHC 2v	10/1998 - 05/2000	L4	999	60	145
ALD 999cc Inline4 SOHC 2v	05/1999 - 07/2005	L4	999	60	146
ALL 999cc Inline4 SOHC 2v	08/1997 - 05/2000	L4	999	60	144
ANV 999cc Inline4 SOHC 2v	05/1999 - 05/2000	L4	999	60	146
ASF 999cc Inline4 SOHC 2v	09/1998 - 05/2005	L4	999	60	135
AT512 999cc Inline4 DOHC 4v Turbo	06/2000 - 05/2002	L4	999	60	135
ATE 999cc Inline4 SOHC 2v	06/2000 - On	L4	999	60	146
AUC 999cc Inline4 SOHC 2v	10/1999 - 07/2005	L4	999	60	147
AAK 1043cc Inline4 SOHC 2v	01/1990 - 07/1990	L4	1043	63	10
AAU 1043cc Inline4 SOHC 2v	10/1990 - 07/1994	L4	1043	63	10
ACM 1043cc Inline4 SOHC 2v	02/1992 - 12/1992	L4	1043	63	10
AEV 1043cc Inline4 SOHC 2v	10/1994 - 06/1996	L4	1043	63	10
GL 1043cc Inline4 SOHC 2v	08/1981 - 10/1986	L4	1043	63	7
GN 1043cc Inline4 SOHC 2v	08/1983 - 07/1985	L4	1043	63	7
HZ 1043cc Inline4 SOHC 2v	05/1985 - 01/1992	L4	1043	63	10
361 1093cc Inline4 SOHC 2v	01/1974 - On	L4	1093	66	2
FA 1093cc Inline4 SOHC 2v	02/1974 - 07/1979	L4	1093	66	2
FJ 1093cc Inline4 SOHC 2v	08/1976 - 07/1979	L4	1093	66	2
GG 1093cc Inline4 SOHC 2v	08/1979 - 02/1984	L4	1093	66	2
HB 1093cc Inline4 SOHC 2v	04/1975 - 07/1983	L4	1093	66	2
HC 1093cc Inline4 SOHC 2v	04/1975 - 07/1977	L4	1093	66	3
HD 1093cc Inline4 SOHC 2v	08/1976 - 07/1978	L4	1093	66	2
D 1184cc Flat4 OHV 2v	08/1965 - 12/1985	H4	1184	72	39
ANY 1191cc Inline3 SOHC 2v Turbo Diesel	06/1999 - 11/2000	L3	1191	72	139
AYZ 1191cc Inline3 SOHC 2v Turbo Diesel	11/2000 - 07/2005	L3	1191	72	139
113 1192cc Flat4 OHV 2v	01/1960 - 12/1972	H4	1192	72	39
122/2 1192cc Flat4 OHV 2v	08/1972 - 07/1991	H4	1192	72	39
AWY 1198cc Inline3 SOHC 2v	01/2002 - 05/2004	L3	1198	73	158
AZQ 1198cc Inline3 DOHC 4v	11/2001 - 05/2004	L3	1198	73	158
BBM 1198cc Inline3 SOHC 2v	05/2007 - On	L3	1198	73	158
BMD 1198cc Inline3 SOHC 2v	05/2004 - On	L3	1198	73	158
BME 1198cc Inline3 DOHC 4v	11/2004 - 07/2007	L3	1198	73	158
BZG 1198cc Inline3 DOHC 4v	05/2007 - On	L3	1198	73	158
CFWA 1199cc Inline3 DOHC 4v Turbo Diesel	10/2009 - On	L3	1199	73	154
2G 1272cc Inline4 SOHC 2v	01/1989 - 08/1994	L4	1272	77	10
3F 1272cc Inline4 SOHC 2v	01/1990 - 07/1994	L4	1272	77	10
AAV 1272cc Inline4 SOHC 2v	01/1991 - 07/1994	L4	1272	77	10
EU 1272cc Inline4 SOHC 2v	08/1983 - 07/1984	L4	1272	77	6
FY 1272cc Inline4 SOHC 2v	01/1978 - 07/1983	L4	1272	77	7
FZ 1272cc Inline4 SOHC 2v	01/1978 - 07/1983	L4	1272	77	7
GF 1272cc Inline4 SOHC 2v	02/1977 - 12/1985	L4	1272	77	7
GK 1272cc Inline4 SOHC 2v	08/1982 - 07/1989	L4	1272	77	10
GS 1272cc Inline4 SOHC 2v	08/1982 - 02/1984	L4	1272	77	8
GT 1272cc Inline4 SOHC 2v	08/1982 - 07/1988	L4	1272	77	7
HH 1272cc Inline4 SOHC 2v	08/1977 - 07/1983	L4	1272	77	7
HJ 1272cc Inline4 SOHC 2v	01/1977 - 07/1982	L4	1272	77	7
HK 1272cc Inline4 SOHC 2v	08/1983 - 07/1986	L4	1272	77	7
HW 1272cc Inline4 SOHC 2v	08/1983 - 07/1985	L4	1272	77	7
MH 1272cc Inline4 SOHC 2v	08/1985 - 12/1988	L4	1272	77	7
MN 1272cc Inline4 SOHC 2v Diesel	08/1985 - 07/1990	L4	1272	77	11
NU 1272cc Inline4 SOHC 2v	08/1985 - 12/1987	L4	1272	77	7
NZ 1272cc Inline4 SOHC 2v	08/1985 - 12/1992	L4	1272	77	10
PY 1272cc Inline4 SOHC 2v	08/1986 - 07/1994	L4	1272	77	11
AB 1285cc Flat4 OHV 2v	01/1970 - 06/1975	H4	1285	78	39



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AC 1285cc Flat4 OHV 2v	08/1970 - 07/1975	H4	1285	78	39
AR 1285cc Flat4 OHV 2v	08/1973 - 07/1975	H4	1285	78	39
E 1285cc Flat4 OHV 2v	08/1965 - 07/1970	H4	1285	78	39
F 1285cc Flat4 OHV 2v	08/1965 - 07/1970	H4	1285	78	39
ADX 1296cc Inline4 SOHC 2v	10/1994 - 04/1997	L4	1296	79	13
EP 1297cc Inline4 SOHC 2v	08/1981 - 07/1987	L4	1297	79	5
ZA 1297cc Inline4 SOHC 2v	05/1973 - 01/1978	L4	1297	79	9
ZF 1297cc Inline4 SOHC 2v	05/1973 - 01/1978	L4	1297	79	9
AEX 1390cc Inline4 SOHC 2v	07/1995 - 12/1997	L4	1390	84	13
AFH 1390cc Inline4 DOHC 4v	04/1996 - 12/1999	L4	1390	84	14
AFK 1390cc Inline4 DOHC 4v	05/1999 - 09/2001	L4	1390	84	16
AHW 1390cc Inline4 DOHC 4v	10/1997 - 06/2006	L4	1390	84	17
AKK 1390cc Inline4 SOHC 2v	10/1999 - 09/2001	L4	1390	84	17
AKP 1390cc Inline4 SOHC 2v	10/1999 - 09/2001	L4	1390	84	16
AKQ 1390cc Inline4 DOHC 4v	10/1997 - 05/2000	L4	1390	84	16
AKV 1390cc Inline4 SOHC 2v	05/1997 - 09/2000	L4	1390	84	20
ANM 1390cc Inline4 DOHC 4v	05/1999 - 05/2000	L4	1390	84	141
ANW 1390cc Inline4 SOHC 2v	10/1999 - 08/2000	L4	1390	84	17
ANX 1390cc Inline4 SOHC 2v	01/1998 - 12/1999	L4	1390	84	21
APE 1390cc Inline4 DOHC 4v	05/1999 - 12/2000	L4	1390	84	17
APQ 1390cc Inline4 SOHC 2v	11/1997 - 06/2003	L4	1390	84	20
AQQ 1390cc Inline4 DOHC 4v	05/1999 - 05/2000	L4	1390	84	17
ARR 1390cc Inline4 DOHC 4v	09/2000 - 11/2003	L4	1390	84	137
AUA 1390cc Inline4 DOHC 4v	10/1999 - 06/2003	L4	1390	84	17
AUB 1390cc Inline4 DOHC 4v	05/2000 - 07/2005	L4	1390	84	17
AUD 1390cc Inline4 SOHC 2v	10/1999 - 07/2005	L4	1390	84	17
AXP 1390cc Inline4 DOHC 4v	05/2000 - 04/2002	L4	1390	84	16
AXU 1390cc Inline4 DOHC 4v	02/2002 - 07/2006	L4	1390	84	25
BBY 1390cc Inline4 DOHC 4v	11/2001 - 07/2006	L4	1390	84	17
BBZ 1390cc Inline4 DOHC 4v	05/2002 - On	L4	1390	84	17
BCA 1390cc Inline4 DOHC 4v	08/2001 - On	L4	1390	84	18
BKG 1390cc Inline4 DOHC 4v	10/2003 - 12/2004	L4	1390	84	159
BKY 1390cc Inline4 DOHC 4v	05/2004 - 05/2008	L4	1390	84	17
BLG 1390cc Inline4 DOHC 4v	11/2005 - On	L4	1390	84	28
BLN 1390cc Inline4 DOHC 4v	11/2004 - 07/2006	L4	1390	84	28
BMY 1390cc Inline4 DOHC 4v Turbo	02/2006 - On	L4	1390	84	28
BUD 1390cc Inline4 DOHC 4v	05/2006 - On	L4	1390	84	29
BWK 1390cc Inline4 DOHC 4v Turbo	05/2008 - On	L4	1390	84	27
CAVA 1390cc Inline4 DOHC 4v Turbo	05/2008 - On	L4	1390	84	151
CAVB 1390cc Inline4 DOHC 4v Turbo	11/2008 - On	L4	1390	84	27
CAVC 1390cc Inline4 DOHC 4v Turbo	11/2008 - On	L4	1390	84	27
CAVD 1390cc Inline4 DOHC 4v Turbo	05/2008 - On	L4	1390	84	27
CAVE 1390cc Inline4 DOHC 4v Turbo	05/2010 - 05/2012	L4	1390	84	151
CAXA 1390cc Inline4 DOHC 4v Turbo	05/2007 - On	L4	1390	84	151
CGGA 1390cc Inline4 DOHC 4v	10/2008 - On	L4	1390	84	153
CGGB 1390cc Inline4 DOHC 4v	06/2009 - On	L4	1390	84	153
CNWA 1390cc Inline4 DOHC 4v Turbo	07/2008 - On	L4	1390	84	152
ABD 1391cc Inline4 SOHC 2v	11/1991 - 07/1995	L4	1391	84	4
1W 1398cc Inline4 SOHC 2v Diesel	10/1990 - 07/1994	L4	1398	85	10
AMF 1422cc Inline3 SOHC 2v Turbo Diesel	05/1999 - 07/2006	L3	1422	86	140
ATL 1422cc Inline3 SOHC 2v Turbo Diesel	01/2000 - 04/2000	L3	1422	86	140
BAY 1422cc Inline3 SOHC 2v Turbo Diesel	11/2001 - 07/2006	L3	1422	86	140
BMS 1422cc Inline3 SOHC 2v Turbo Diesel	04/2005 - 11/2009	L3	1422	86	140
BNM 1422cc Inline3 SOHC 2v Turbo Diesel	04/2005 - On	L4	1422	86	140
BNV 1422cc Inline3 SOHC 2v Turbo Diesel	04/2005 - 11/2009	L3	1422	86	140
BWB 1422cc Inline3 SOHC 2v Turbo Diesel	05/2006 - On	L3	1422	86	140
EH 1457cc Inline4 SOHC 2v	08/1977 - 07/1979	L4	1457	88	9
FX 1457cc Inline4 SOHC 2v	08/1977 - 07/1980	L4	1457	88	9

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
GH 1457cc Inline4 SOHC 2v	08/1979 - 07/1980	L4	1457	88	9
JB 1457cc Inline4 SOHC 2v	08/1977 - 02/1984	L4	1457	88	9
682 1471cc Inline4 SOHC 2v Diesel	12/1977 - 01/1982	L4	1471	89	32
CK 1471cc Inline4 SOHC 2v Diesel	08/1976 - 12/1982	L4	1471	89	9
FB 1471cc Inline4 SOHC 2v	02/1974 - 04/1974	L4	1471	89	143
FD 1471cc Inline4 SOHC 2v	02/1974 - 09/1975	L4	1471	89	9
FH 1471cc Inline4 SOHC 2v	01/1974 - 12/1975	L4	1471	89	30
FK 1471cc Inline4 SOHC 2v	08/1974 - 07/1975	L4	1471	89	30
YJ 1471cc Inline4 SOHC 2v	01/1974 - 12/1975	L4	1471	89	37
ZB 1471cc Inline4 SOHC 2v	05/1973 - 12/1975	L4	1471	89	37
ZC 1471cc Inline4 SOHC 2v	05/1973 - 12/1975	L4	1471	89	37
H 1493cc Flat4 OHV 2v	01/1960 - 12/1992	H4	1493	91	118
124 A 1584cc Flat4 OHV 2v	08/1961 - 07/1974	H4	1584	96	118
126/A 1584cc Flat4 OHV 2v	08/1963 - 07/1991	H4	1584	96	118
311 1584cc Flat4 OHV 2v	01/1960 - 12/1992	H4	1584	96	118
ACD 1584cc Flat4 OHV 2v	10/1992 - On	H4	1584	96	118
AD 1584cc Flat4 OHV 2v	07/1970 - 07/1973	H4	1584	96	118
AM 1584cc Flat4 OHV 2v	03/1973 - 09/1974	H4	1584	96	118
AS 1584cc Flat4 OHV 2v	08/1973 - 01/1980	H4	1584	96	118
1V 1588cc Inline4 SOHC 2v Turbo Diesel	08/1989 - 07/1992	L4	1588	96	31
496 1588cc Inline4 SOHC 2v	01/1974 - 12/1983	L4	1588	96	41
685 1588cc Inline4 SOHC 2v Diesel	12/1981 - 10/1988	L4	1588	96	33
686 1588cc Inline4 SOHC 2v Turbo Diesel	03/1989 - 12/1990	L4	1588	96	33
68A 1588cc Inline4 SOHC 2v Turbo Diesel	04/1983 - 08/1988	L4	1588	96	33
68C 1588cc Inline4 SOHC 2v Turbo Diesel	04/1983 - 03/1994	L4	1588	96	33
68D 1588cc Inline4 SOHC 2v Diesel	03/1989 - 03/1994	L4	1588	96	33
ADK 1588cc Inline4 SOHC 2v Diesel	04/1994 - 07/1996	L4	1588	96	36
CR 1588cc Inline4 SOHC 2v Diesel	08/1980 - 02/1984	L4	1588	96	38
CS 1588cc Inline4 SOHC 2v Diesel	01/1981 - 07/1987	L4	1588	96	38
CY 1588cc Inline4 SOHC 2v Turbo Diesel	08/1981 - 03/1988	L4	1588	96	38
EE 1588cc Inline4 SOHC 2v	02/1976 - 07/1977	L4	1588	96	9
EF 1588cc Inline4 SOHC 2v	02/1976 - 07/1976	L4	1588	96	9
EG 1588cc Inline4 SOHC 2v	06/1976 - 07/1982	L4	1588	96	9
EJ 1588cc Inline4 SOHC 2v	08/1979 - 07/1980	L4	1588	96	9
EM 1588cc Inline4 SOHC 2v	06/1979 - 02/1984	L4	1588	96	9
FN 1588cc Inline4 SOHC 2v	01/1975 - 06/1979	L4	1588	96	9
FP 1588cc Inline4 SOHC 2v	01/1975 - 06/1979	L4	1588	96	9
FR 1588cc Inline4 SOHC 2v	08/1975 - 02/1984	L4	1588	96	9
FS 1588cc Inline4 SOHC 2v	01/1976 - 08/1979	L4	1588	96	9
FT 1588cc Inline4 SOHC 2v	08/1975 - 07/1977	L4	1588	96	9
FV 1588cc Inline4 SOHC 2v	01/1976 - 07/1979	L4	1588	96	9
JK 1588cc Inline4 SOHC 2v Diesel	08/1981 - 11/1998	L4	1588	96	34
JP 1588cc Inline4 SOHC 2v Diesel	08/1983 - 10/1991	L4	1588	96	35
JR 1588cc Inline4 SOHC 2v Turbo Diesel	08/1983 - 10/1991	L4	1588	96	33
JX 1588cc Inline4 SOHC 2v Turbo Diesel	08/1984 - 07/1992	L4	1588	96	33
ME 1588cc Inline4 SOHC 2v Diesel	05/1988 - 07/1992	L4	1588	96	31
MF 1588cc Inline4 SOHC 2v Turbo Diesel	05/1988 - 10/1991	L4	1588	96	31
RA 1588cc Inline4 SOHC 2v Turbo Diesel	08/1988 - 02/1990	L4	1588	96	31
SB 1588cc Inline4 SOHC 2v Turbo Diesel	08/1989 - 10/1993	L4	1588	96	31
WP 1588cc Inline4 SOHC 2v	08/1980 - 07/1981	L4	1588	96	9
WV 1588cc Inline4 SOHC 2v	08/1981 - 07/1983	L4	1588	96	41
WY 1588cc Inline4 SOHC 2v	09/1979 - 07/1983	L4	1588	96	9
WZ 1588cc Inline4 SOHC 2v	08/1978 - 11/1980	L4	1588	96	9
YG 1588cc Inline4 SOHC 2v	01/1975 - 07/1980	L4	1588	96	9
YH 1588cc Inline4 SOHC 2v	09/1974 - 07/1980	L4	1588	96	9
YN 1588cc Inline4 SOHC 2v	09/1975 - 07/1981	L4	1588	96	41
YP 1588cc Inline4 SOHC 2v	09/1975 - 12/1982	L4	1588	96	9
YS 1588cc Inline4 SOHC 2v	02/1979 - 07/1980	L4	1588	96	9



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
YV 1588cc Inline4 SOHC 2v	09/1975 - 12/1983	L4	1588	96	9
YY 1588cc Inline4 SOHC 2v	02/1979 - 07/1981	L4	1588	96	9
1F 1595cc Inline4 SOHC 2v	08/1988 - 09/1997	L4	1595	97	62
ABN 1595cc Inline4 SOHC 2v	08/1991 - On	L4	1595	97	62
ADP 1595cc Inline4 SOHC 2v	01/1997 - 10/1997	L4	1595	97	69
AEH 1595cc Inline4 SOHC 2v	01/1998 - 05/2005	L4	1595	97	73
AEK 1595cc Inline4 SOHC 2v	10/1994 - 12/1995	L4	1595	97	69
AFT 1595cc Inline4 SOHC 2v	07/1995 - 10/2000	L4	1595	97	74
AHL 1595cc Inline4 SOHC 2v	10/1996 - 08/2000	L4	1595	97	78
AKL 1595cc Inline4 SOHC 2v	10/1997 - 05/2005	L4	1595	97	166
AKS 1595cc Inline4 SOHC 2v	04/1997 - 10/2000	L4	1595	97	76
ALZ 1595cc Inline4 SOHC 2v	10/2000 - 05/2005	L4	1595	97	129
ANA 1595cc Inline4 SOHC 2v	07/1999 - 08/2000	L4	1595	97	129
APF 1595cc Inline4 SOHC 2v	05/1999 - 10/2000	L4	1595	97	73
ARM 1595cc Inline4 SOHC 2v	01/1999 - 08/2000	L4	1595	97	78
AUR 1595cc Inline4 SOHC 2v	07/2000 - 09/2001	L4	1595	97	73
AVU 1595cc Inline4 SOHC 2v	09/2000 - 04/2002	L4	1595	97	129
AWH 1595cc Inline4 SOHC 2v	11/1999 - 10/2000	L4	1595	97	73
AYD 1595cc Inline4 SOHC 2v	06/2000 - On	L4	1595	97	129
BFQ 1595cc Inline4 SOHC 2v	05/2002 - 06/2006	L4	1595	97	129
BFS 1595cc Inline4 SOHC 2v	06/2002 - On	L4	1595	97	129
BGU 1595cc Inline4 SOHC 2v	07/2003 - 07/2007	L4	1595	97	129
BSE 1595cc Inline4 SOHC 2v	05/2005 - On	L4	1595	97	129
BSF 1595cc Inline4 SOHC 2v	05/2005 - On	L4	1595	97	129
CMXA 1595cc Inline4 SOHC 2v	05/2010 - On	L4	1595	97	129
DT 1595cc Inline4 SOHC 2v	08/1983 - 03/1988	L4	1595	97	87
EW 1595cc Inline4 SOHC 2v	01/1983 - 07/1992	L4	1595	97	93
EZ 1595cc Inline4 SOHC 2v	08/1983 - 09/1991	L4	1595	97	93
EZA 1595cc Inline4 SOHC 2v	08/1985 - 07/1987	L4	1595	97	87
HM 1595cc Inline4 SOHC 2v	08/1983 - 07/1988	L4	1595	97	88
HN 1595cc Inline4 SOHC 2v	08/1983 - 07/1989	L4	1595	97	89
JU 1595cc Inline4 SOHC 2v	08/1983 - 07/1986	L4	1595	97	89
PN 1595cc Inline4 SOHC 2v	08/1985 - 07/1992	L4	1595	97	90
PP 1595cc Inline4 SOHC 2v	03/1987 - 03/1988	L4	1595	97	98
RE 1595cc Inline4 SOHC 2v	04/1986 - 07/1990	L4	1595	97	91
RF 1595cc Inline4 SOHC 2v	08/1986 - 10/1991	L4	1595	97	64
RL 1595cc Inline4 SOHC 2v	08/1986 - 03/1988	L4	1595	97	92
ABU 1598cc Inline4 SOHC 2v	08/1992 - 09/1994	L4	1598	97	13
AEA 1598cc Inline4 SOHC 2v	10/1994 - 07/1995	L4	1598	97	13
AEE 1598cc Inline4 SOHC 2v	07/1995 - 12/2000	L4	1598	97	167
AHS 1598cc Inline4 SOHC 2v	03/1996 - 12/1999	L4	1598	97	15
AJV 1598cc Inline4 DOHC 4v	08/1998 - 12/1999	L4	1598	97	19
ALM 1598cc Inline SOHC 2v	07/1998 - 09/2001	L4	1598	97	12
ARC 1598cc Inline4 DOHC 4v	11/1999 - 09/2001	L4	1598	97	22
ATN 1598cc Inline4 DOHC 4v	11/1999 - 05/2000	L4	1598	97	23
AUS 1598cc Inline4 DOHC 4v	05/2000 - 04/2001	L4	1598	97	24
AVY 1598cc Inline4 DOHC 4v	06/2000 - 07/2005	L4	1598	97	22
AZD 1598cc Inline4 DOHC 4v	09/2000 - 11/2001	L4	1598	97	22
BAD 1598cc Inline4 DOHC 4v	08/2001 - 06/2006	L4	1598	97	26
BAG 1598cc Inline4 DOHC 4v	02/2003 - 07/2004	L4	1598	97	26
BCB 1598cc Inline4 DOHC 4v	11/2001 - 06/2006	L4	1598	97	22
BLF 1598cc Inline4 DOHC 4v	01/2005 - On	L4	1598	97	27
BLP 1598cc Inline4 DOHC 4v	02/2003 - 07/2005	L4	1598	97	27
BTS 1598cc Inline4 DOHC 4v	05/2006 - On	L4	1598	97	27
CAYA 1598cc Inline4 DOHC 4v Turbo Diesel	06/2009 - On	L4	1598	97	128
CAYB 1598cc Inline4 DOHC 4v Turbo Diesel	02/2009 - On	L4	1598	97	128
CAYC 1598cc Inline4 DOHC 4v Turbo Diesel	02/2009 - On	L4	1598	97	128
CAYD 1598cc Inline4 DOHC 4v Turbo Diesel	08/2010 - On	L4	1598	97	128

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
CAYE 1598cc Inline4 DOHC 4v Turbo Diesel	08/2010 - On	L4	1598	97	128
CCSA 1598cc Inline4 SOHC 2v	07/2005 - On	L4	1598	97	129
CNKA 1598cc Inline4 DOHC 4v	01/2011 - On	L4	1598	97	150
O21 1679cc Flat4 OHV 2v	01/1968 - 12/1969	H4	1679	102	119
O22 1679cc Flat4 OHV 2v	08/1969 - 07/1974	H4	1679	102	119
CA 1679cc Flat4 OHV 2v	08/1971 - 12/1973	H4	1679	102	119
W 1679cc Flat4 OHV 2v	01/1969 - 12/1973	H4	1679	102	119
AHB 1716 Inline4 SOHC 2v Diesel	07/1996 - 09/2000	L4	1716	104	42
AHG 1716cc Inline4 SOHC 2v Diesel	04/1997 - 12/1999	L4	1716	104	42
AKU 1716cc Inline4 SOHC 2v Diesel	08/1997 - 07/2005	L4	1716	104	42
AKW 1716cc Inline4 SOHC 2v Diesel	11/1997 - 08/1999	L4	1716	104	42
EN 1716cc Inline4 SOHC 2v	08/1980 - 07/1984	L4	1716	104	142
JF 1716cc Inline4 SOHC 2v	01/1982 - 07/1984	L4	1716	104	40
KY 1716cc Inline4 SOHC 2v Diesel	08/1984 - 07/1992	L4	1716	104	58
WT 1716cc Inline4 SOHC 2v	08/1981 - 07/1983	L4	1716	104	40
1H 1781cc Inline4 SOHC 2v Turbo	08/1988 - 07/1989	L4	1781	108	155
1P 1781cc Inline4 SOHC 2v	08/1988 - 07/1991	L4	1781	108	64
2H 1781cc Inline4 SOHC 2v	08/1989 - 07/1993	L4	1781	108	96
AAM 1781cc Inline4 SOHC 2v	08/1990 - 10/2000	L4	1781	108	67
ABS 1781cc Inline4 SOHC 2v	08/1991 - 07/1995	L4	1781	108	63
ACC 1781cc Inline4 SOHC 2v	11/1991 - 06/1999	L4	1781	108	69
ADD 1781cc Inline4 SOHC 2v	08/1985 - 09/2005	L4	1781	108	69
ADF 1781cc Inline4 SOHC 2v	04/1994 - On	L4	1781	108	69
ADR 1781cc Inline4 DOHC 5v	12/1996 - 01/1999	L4	1781	108	71
ADZ 1781cc Inline4 SOHC 2v	08/1994 - 10/2000	L4	1781	108	164
AEB 1781cc Inline4 DOHC 5v Turbo	10/1996 - 02/2001	L4	1781	108	72
AFY 1781cc Inline4 SOHC 2v	01/1997 - 04/2000	L4	1781	108	75
AGN 1781cc Inline4 DOHC 5v	10/1997 - 10/2000	L4	1781	108	73
AGU 1781cc Inline4 DOHC 5v Turbo	10/1997 - 05/2006	L4	1781	108	77
AJH 1781cc Inline4 DOHC 5v Turbo	11/1997 - 02/2000	L4	1781	108	70
ANB 1781cc Inline4 DOHC 5v Turbo	01/1999 - 04/2001	L4	1781	108	79
ANN 1781cc Inline4 SOHC 2v	12/1997 - 10/2000	L4	1781	108	68
ANP 1781cc Inline4 SOHC 2v	12/1997 - 10/2000	L4	1781	108	68
APH 1781cc Inline4 DOHC 5v Turbo	01/1998 - 05/2001	L4	1781	108	80
APT 1781cc Inline4 DOHC 5v	01/1999 - 04/2001	L4	1781	108	73
APU 1781cc Inline4 DOHC 5v Turbo	01/1999 - 04/2001	L4	1781	108	77
AQX 1781cc Inline4 DOHC 5v Turbo	12/1999 - 10/2000	L4	1781	108	136
ARG 1781cc Inline4 DOHC 5v	02/1999 - 04/2001	L4	1781	108	73
ARX 1781cc Inline4 DOHC 5v Turbo	09/2000 - 04/2001	L4	1781	108	81
ARZ 1781cc Inline4 DOHC 5v Turbo	05/1999 - 04/2001	L4	1781	108	77
AUM 1781cc Inline4 DOHC 5v Turbo	09/2000 - 05/2006	L4	1781	108	83
AUQ 1781cc Inline4 DOHC 5v Turbo	06/2001 - 05/2005	L4	1781	108	83
AVC 1781cc Inline4 DOHC 5v Turbo	07/1999 - 10/2000	L4	1781	108	80
AWC 1781cc Inline4 DOHC 5v Turbo	04/2000 - On	L4	1781	108	73
AWM 1781cc Inline4 DOHC 5v Turbo	02/2001 - 05/2005	L4	1781	108	84
AWP 1781cc Inline4 DOHC 5v Turbo	06/2001 - 06/2005	L4	1781	108	81
AWT 1781cc Inline4 DOHC 5v Turbo	10/2000 - 05/2005	L4	1781	108	84
AWU 1781cc Inline4 DOHC 5v Turbo	10/2000 - On	L4	1781	108	82
AWV 1781cc Inline4 DOHC 5v Turbo	06/2000 - On	L4	1781	108	82
AYP 1781cc Inline4 DOHC 5v Turbo	09/2000 - 08/2002	L4	1781	108	136
BBU 1781cc Inline4 DOHC 5v Turbo	05/2006 - On	L4	1781	108	81
BJX 1781cc Inline4 DOHC 5v Turbo	09/2005 - On	L4	1781	108	81
BKF 1781cc Inline4 DOHC 5v Turbo	07/2004 - On	L4	1781	108	81
BKV 1781cc Inline4 DOHC 5v Turbo	12/2003 - On	L4	1781	108	81
BLZ 1781cc Inline4 DOHC 5v Turbo	05/2004 - On	L4	1781	108	81
DS 1781cc Inline4 SOHC 2v	01/1983 - 07/1988	L4	1781	108	85
DX 1781cc Inline4 SOHC 2v	08/1982 - 07/1992	L4	1781	108	94
DZ 1781cc Inline4 SOHC 2v	12/1983 - 07/1984	L4	1781	108	86



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
EV 1781cc Inline4 SOHC 2v	12/1983 - 07/1987	L4	1781	108	95
EX 1781cc Inline4 SOHC 2v	08/1983 - 07/1993	L4	1781	108	95
GU 1781cc Inline4 SOHC 2v	08/1983 - 10/1991	L4	1781	108	95
GX 1781cc Inline4 SOHC 2v	08/1983 - 07/1988	L4	1781	108	95
GZ 1781cc Inline4 SOHC 2v	01/1984 - 07/1988	L4	1781	108	95
HT 1781cc Inline4 SOHC 2v	01/1985 - 07/1985	L4	1781	108	134
HV 1781cc Inline4 SOHC 2v	08/1983 - 07/1987	L4	1781	108	95
JH 1781cc Inline4 SOHC 2v	05/1983 - 07/1994	L4	1781	108	95
JN 1781cc Inline4 SOHC 2v	08/1983 - 06/1993	L4	1781	108	85
JV 1781cc Inline4 SOHC 2v	08/1983 - 03/1988	L4	1781	108	85
KR 1781cc Inline4 DOHC 4v	08/1984 - 07/1992	L4	1781	108	95
KT 1781cc Inline4 SOHC 2v	08/1983 - 07/1989	L4	1781	108	95
PB 1781cc Inline4 SOHC 2v	01/1987 - On	L4	1781	108	65
PF 1781cc Inline4 SOHC 2v	01/1987 - 10/1991	L4	1781	108	64
PG 1781cc Inline4 SOHC 2v Turbo	08/1988 - 07/1993	L4	1781	108	97
PL 1781cc Inline4 DOHC 4v	02/1986 - 07/1992	L4	1781	108	96
RG 1781cc Inline4 SOHC 2v	02/1986 - 07/1987	L4	1781	108	96
RH 1781cc Inline4 SOHC 2v	08/1986 - 07/1990	L4	1781	108	96
RP 1781cc Inline4 SOHC 2v	08/1986 - 10/1991	L4	1781	108	96
RV 1781cc Inline4 SOHC 2v	08/1987 - On	L4	1781	108	65
127 1795cc Flat4 OHV 2v	02/1974 - 01/1986	H4	1795	109	119
AP 1795cc Flat4 OHV 2v	08/1973 - 07/1975	H4	1795	109	119
AT 1795cc Flat4 OHV 2v	08/1973 - 12/1975	H4	1795	109	119
1X 1896cc Inline4 SOHC 2v Diesel	09/1990 - 12/1995	L4	1896	115	42
1Y 1896cc Inline4 SOHC 2v Diesel	05/1989 - 07/2006	L4	1896	115	42
1Z 1896cc Inline4 SOHC 2v Turbo Diesel	07/1993 - 06/1997	L4	1896	115	43
AAZ 1896cc Inline4 SOHC 2v Turbo Diesel	03/1991 - 08/1997	L4	1896	115	43
ABL 1896cc Inline4 SOHC 2v Turbo Diesel	01/1991 - 12/1998	L4	1896	115	43
ADE 1896cc Inline4 SOHC 2v Turbo Diesel	04/1994 - 01/2002	L4	1896	115	44
ADG 1896cc Inline4 SOHC 2v Diesel	04/1994 - On	L4	1896	115	45
AEF 1896cc Inline4 SOHC 2v Diesel	10/1994 - 07/2001	L4	1896	115	42
AEY 1896cc Inline4 SOHC 2v Diesel	07/1995 - 09/2000	L4	1896	115	44
AFD 1896cc Inline4 SOHC 2v Turbo Diesel	04/1994 - 01/2002	L4	1896	115	44
AFN 1896cc Inline4 SOHC 2v Turbo Diesel	02/1996 - 08/1999	L4	1896	115	46
AGD 1896cc Inline4 SOHC 2v Diesel	07/1996 - 09/2001	L4	1896	115	44
AGP 1896cc Inline4 SOHC 2v Turbo Diesel	10/1997 - 09/2001	L4	1896	115	48
AGR 1896cc Inline4 SOHC 2v Turbo Diesel	10/1997 - 05/2006	L4	1896	115	43
AHF 1896cc Inline4 SOHC 2v Turbo Diesel	10/1997 - 05/2005	L4	1896	115	49
AHH 1896cc Inline4 SOHC 2v Turbo Diesel	05/1998 - 08/2000	L4	1896	115	43
AHU 1896cc Inline4 SOHC 2v Turbo Diesel	07/1996 - On	L4	1896	115	43
AJM 1896cc Inline4 SOHC 2v Turbo Diesel	11/1998 - 07/2001	L4	1896	115	50
ALE 1896cc Inline4 SOHC 2v Turbo Diesel	05/1996 - 12/2001	L4	1896	115	43
ALH 1896cc Inline4 SOHC 2v Turbo Diesel	10/1997 - On	L4	1896	115	43
ANC 1896cc Inline4 SOHC 2v Diesel	02/2003 - On	L4	1896	115	42
ANU 1896cc Inline4 SOHC 2v Turbo Diesel	03/1999 - 05/2005	L4	1896	115	54
AQM 1896cc Inline4 SOHC 2v Diesel	11/1998 - 05/2006	L4	1896	115	42
ARD 1896cc Inline4 SOHC 2v Diesel	01/2002 - On	L4	1896	115	44
ARL 1896cc Inline4 SOHC 2v Turbo Diesel	09/2000 - 05/2006	L4	1896	115	122
ASV 1896cc Inline4 SOHC 2v Turbo Diesel	10/1999 - 05/2006	L4	1896	115	47
ASX 1896cc Inline4 SOHC 2v Diesel	10/1999 - 09/2001	L4	1896	115	44
ASY 1896cc Inline4 SOHC 2v Diesel	11/2001 - On	L4	1896	115	42
ASZ 1896cc Inline4 SOHC 2v Turbo Diesel	04/2001 - On	L4	1896	115	123
ATD 1896cc Inline4 SOHC 2v Turbo Diesel	02/2000 - On	L4	1896	115	50
ATJ 1896cc Inline4 SOHC 2v Turbo Diesel	01/2000 - 08/2000	L4	1896	115	51
AUY 1896cc Inline4 SOHC 2v Turbo Diesel	01/2000 - On	L4	1896	115	52
AVB 1896cc Inline4 SOHC 2v Turbo Diesel	02/2000 - 05/2005	L4	1896	115	56
AVF 1896cc Inline4 SOHC 2v Turbo Diesel	10/2000 - 05/2005	L4	1896	115	57
AVG 1896cc Inline4 SOHC 2v Turbo Diesel	08/1999 - 10/2000	L4	1896	115	46

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AVM 1896cc Inline4 SOHC 2v Turbo Diesel	11/2000 - On	L4	1896	115	44
AVQ 1896cc Inline4 SOHC 2v Turbo Diesel	02/2003 - 05/2004	L4	1896	115	127
AWX 1896cc Inline4 SOHC 2v Turbo Diesel	10/2000 - 05/2005	L4	1896	115	57
AXB 1896cc Inline4 SOHC 2v Turbo Diesel	04/2003 - On	L4	1896	115	100
AXC 1896cc Inline4 SOHC 2v Turbo Diesel	04/2003 - On	L4	1896	115	100
AXR 1896cc Inline4 SOHC 2v Turbo Diesel	05/2001 - On	L4	1896	115	126
AYQ 1896cc Inline4 SOHC 2v Diesel	09/2000 - 06/2003	L4	1896	115	42
BEQ 1896cc Inline4 SOHC 2v Diesel	02/2002 - On	L4	1896	115	44
BEU 1896cc Inline4 SOHC 2v Turbo Diesel	11/2002 - On	L4	1896	115	44
BEW 1896cc Inline4 SOHC 2v Turbo Diesel	06/2003 - On	L4	1896	115	128
BGL 1896cc Inline4 SOHC 2v Diesel	02/2003 - On	L4	1896	115	42
BGM 1896cc Inline4 SOHC 2v Diesel	02/2003 - On	L4	1896	115	42
BJB 1896cc Inline4 SOHC 2v Turbo Diesel	02/2004 - On	L4	1896	115	128
BJC 1896cc Inline4 SOHC 2v Turbo Diesel	11/2003 - On	L4	1896	115	44
BKC 1896cc Inline4 SOHC 2v Turbo Diesel	08/2003 - On	L4	1896	115	128
BLS 1896cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	1896	115	128
BLT 1896cc Inline4 SOHC 2v Turbo Diesel	05/2004 - On	L4	1896	115	124
BMT 1896cc Inline4 SOHC 2v Turbo Diesel	05/2006 - On	L4	1896	115	128
BPZ 1896cc Inline4 SOHC 2v Turbo Diesel	01/2007 - 03/2008	L4	1896	115	100
BRR 1896cc Inline4 SOHC 2v Turbo Diesel	01/2006 - 11/2009	L4	1896	115	125
BRS 1896cc Inline4 SOHC 2v Turbo Diesel	06/2006 - 11/2009	L4	1896	115	125
BRU 1896cc Inline4 SOHC 2v Turbo Diesel	05/2004 - 02/2006	L4	1896	115	55
BSU 1896cc Inline4 SOHC 2v Turbo Diesel	09/2005 - On	L4	1896	115	55
BSW 1896cc Inline4 SOHC 2v Turbo Diesel	07/2003 - On	L4	1896	115	55
BTB 1896cc Inline4 SOHC 2v Turbo Diesel	06/2005 - 05/2007	L4	1896	115	100
BVK 1896cc Inline4 SOHC 2v Turbo Diesel	11/2005 - On	L4	1896	115	53
BXE 1896cc Inline4 SOHC 2v Turbo Diesel	12/2005 - On	L4	1896	115	128
BXF 1896cc Inline4 SOHC 2v Turbo Diesel	02/2006 - On	L4	1896	115	128
BXJ 1896cc Inline4 SOHC 2v Turbo Diesel	06/2006 - On	L4	1896	115	128
BXT 1896cc Inline4 SOHC 2v Turbo Diesel	05/2006 - On	L4	1896	115	44
DF 1915cc Flat4 OHV 2v	08/1982 - 07/1992	H4	1915	116	121
DG 1915cc Flat4 OHV 2v	08/1982 - 07/1992	H4	1915	116	121
DH 1915cc Flat4 OHV 2v	01/1983 - 11/1986	H4	1915	116	121
GW 1915cc Flat4 OHV 2v	08/1983 - 07/1985	H4	1915	116	121
WN 1921cc Inline5 SOHC 2v	01/1981 - 12/1984	L5	1921	117	60
AZV 1968cc Inline4 DOHC 4v Turbo Diesel	02/2003 - On	L4	1968	120	99
BDJ 1968cc Inline4 SOHC 2v Diesel	02/2004 - On	L4	1968	120	100
BDK 1968cc Inline4 SOHC 2v Diesel	01/2004 - 11/2008	L4	1968	120	100
BGW 1968cc Inline4 SOHC 2v Turbo Diesel	11/2003 - 05/2005	L4	1968	120	100
BHW 1968cc Inline4 SOHC 2v Turbo Diesel	11/2003 - 05/2005	L4	1968	120	100
BKD 1968cc Inline4 DOHC 4v Turbo Diesel	08/2003 - On	L4	1968	120	99
BKP 1968cc Inline4 DOHC 4v Turbo Diesel	03/2005 - 05/2009	L4	1968	120	99
BMA 1968cc Inline4 SOHC 2v Turbo Diesel	03/2005 - 05/2009	L4	1968	120	99
BMM 1968cc Inline4 DOHC 4v Turbo Diesel	12/2004 - On	L4	1968	120	100
BMN 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - On	L4	1968	120	100
BMP 1968cc Inline4 DOHC 4v Turbo Diesel	03/2005 - On	L4	1968	120	100
BMR 1968cc Inline4 DOHC 4v Turbo Diesel	02/2006 - On	L4	1968	120	99
BRT 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - On	L4	1968	120	100
BST 1968cc Inline4 SOHC 2v Diesel	06/2005 - On	L4	1968	120	100
BUZ 1968cc Inline4 DOHC 4v Turbo Diesel	10/2005 - On	L4	1968	120	99
BVE 1968cc Inline4 DOHC 4v Turbo Diesel	06/2005 - 05/2007	L4	1968	120	99
BVH 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - On	L4	1968	120	100
BWV 1968cc Inline4 SOHC 2v Turbo Diesel	03/2005 - 05/2007	L4	1968	120	99
CAAA 1968cc Inline4 Turbo Diesel	09/2009 - On	L4	1968	120	101
CAAB 1968cc Inline4 Turbo Diesel	09/2009 - On	L4	1968	120	101
CAAC 1968cc Inline4 Turbo Diesel	09/2009 - On	L4	1968	120	101
CAAE 1968cc Inline4 Turbo Diesel	05/2010 - On	L4	1968	120	101
CBAA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	1968	120	101



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
CBAB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2007 - On	L4	1968	120	101
CBAC 1968cc Inline4 DOHC 4v Turbo Diesel	01/2009 - On	L4	1968	120	101
CBBA 1968cc Inline4 DOHC 4v Turbo Diesel	02/2008 - 08/2009	L4	1968	120	101
CBBB 1968cc Inline4 DOHC 4v Turbo Diesel	02/2008 - On	L4	1968	120	101
CBDA 1968cc Inline4 DOHC 4v Turbo Diesel	05/2005 - On	L4	1968	120	101
CBDB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2005 - On	L4	1968	120	101
CBDC 1968cc Inline4 DOHC 4v Turbo Diesel	10/2008 - On	L4	1968	120	101
CBEA 1968cc Inline4 DOHC 4v Turbo Diesel	01/2008 - On	L4	1968	120	101
CBHA 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	1968	120	124
CBJA 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	1968	120	101
CBJB 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	1968	120	124
CBKA 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	1968	120	124
CCHA 1968cc Inline4 DOHC 4v Turbo Diesel	09/2009 - 05/2011	L4	1968	120	101
CCHB 1968cc Inline4 DOHC 4v Turbo Diesel	09/2009 - 05/2011	L4	1968	120	101
CDBA 1968cc Inline4 Turbo Diesel	09/2010 - On	L4	1968	120	101
CDCA 1968cc Inline4 Turbo Diesel	09/2010 - On	L4	1968	120	101
CEGA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2008 - On	L4	1968	120	101
CFCA 1968cc Inline4 DOHC 4v Twin Turbo Diesel	09/2009 - On	L4	1968	120	101
CFFA 1968cc Inline4 Turbo Diesel	11/2007 - On	L4	1968	120	101
CFFB 1968cc Inline4 DOHC 4v Turbo Diesel	03/2008 - On	L4	1968	120	101
CFFD 1968cc Inline4 Turbo Diesel	05/2010 - On	L4	1968	120	101
CFGB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	1968	120	101
CFHB 1968cc Inline4 Turbo Diesel	05/2005 - On	L4	1968	120	101
CFHC 1968cc Inline4 DOHC 4v Turbo Diesel	08/2008 - On	L4	1968	120	101
CFHE 1968cc Inline4 Turbo Diesel	11/2010 - On	L4	1968	120	101
CFHF 1968cc Inline4 Turbo Diesel	08/2010 - On	L4	1968	120	101
CFJA 1968cc Inline4 Turbo Diesel	12/2005 - On	L4	1968	120	101
CJAA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2009 - On	L4	1968	120	101
CKJA 1968cc Inline4 SOHC 2v	10/2010 - On	L4	1968	120	162
CTKB 1968cc Inline4 Turbo Diesel	05/2011 - On	L4	1968	120	148
CKUB 1968cc Inline4 DOHC 4v Twin Turbo Diesel	10/2011 - On	L4	1968	120	148
CKUB 1968cc Inline4 Turbo Diesel	07/2011 - On	L4	1968	120	148
CKUC 1968cc Inline4 Turbo Diesel	10/2011 - On	L4	1968	120	148
CLCA 1968cc Inline4 DOHC 4v Turbo Diesel	01/2010 - On	L4	1968	120	101
CLCB 1968cc Inline4 DOHC 4v Turbo Diesel	10/2010 - On	L4	1968	120	101
CLJA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	1968	120	101
CLLA 1968cc Inline4 Turbo Diesel	06/2008 - On	L4	1968	120	101
039 1971cc Flat4 OHV 2v	01/1969 - 02/1976	H4	1971	120	120
CJ 1971cc Flat4 OHV 2v	08/1975 - 12/1980	H4	1971	120	120
CU 1971cc Flat4 OHV 2v	05/1979 - 12/1983	H4	1971	120	120
CV 1971cc Flat4 OHV 2v	05/1979 - 12/1982	H4	1971	120	120
GB 1971cc Flat4 OHV 2v	01/1972 - 12/1975	H4	1971	120	120
GE 1971cc Flat4 OHV 2v	08/1976 - 06/1979	H4	1971	120	120
2E 1984cc Inline4 SOHC 2v	01/1990 - 07/1996	L4	1984	121	165
9A 1984cc Inline4 DOHC 4v	04/1988 - 07/1995	L4	1984	121	62
ABF 1984cc Inline4 DOHC 4v	08/1992 - 10/1999	L4	1984	121	106
ADY 1984cc Inline4 SOHC 2v	07/1994 - 02/2000	L4	1984	121	106
AEG 1984cc Inline4 SOHC 2v	01/1998 - On	L4	1984	121	73
AEP 1984cc Inline4 SOHC 2v	01/1995 - 12/1997	L4	1984	121	107
AGG 1984cc Inline4 SOHC 2v	07/1995 - 03/2003	L4	1984	121	108
AKR 1984cc Inline4 SOHC 2v	09/1994 - On	L4	1984	121	109
ALT 1984cc Inline4 DOHC 5v	11/2001 - 05/2005	L4	1984	121	110
APK 1984cc Inline4 SOHC 2v	08/1998 - On	L4	1984	121	73
AQY 1984cc Inline4 SOHC 2v	08/1998 - On	L4	1984	121	73
ASU 1984cc Inline4 SOHC 2v	01/2000 - 08/2000	L4	1984	121	73
ATM 1984cc Inline4 SOHC 2v	04/2000 - On	L4	1984	121	111
ATU 1984cc Inline4 SOHC 2v	06/1999 - 06/2000	L4	1984	121	113
AUZ 1984cc Inline4 SOHC 2v	01/2000 - 08/2000	L4	1984	121	73

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AVA 1984cc Inline4 SOHC 2v	01/2000 - 08/2000	L4	1984	121	73
AWF 1984cc Inline4 SOHC 2v	06/2000 - 06/2002	L4	1984	121	114
AWG 1984cc Inline4 SOHC 2v	05/2000 - 06/2002	L4	1984	121	114
AXA 1984cc Inline4 SOHC 2v	11/2003 - 11/2009	L4	1984	121	115
AXW 1984cc Inline4 DOHC 4v	10/2003 - 07/2005	L4	1984	121	116
AXX 1984cc Inline4 DOHC 4v Turbo	09/2004 - 02/2009	L4	1984	121	110
AZG 1984cc Inline4 SOHC 2v	08/2000 - On	L4	1984	121	81
AZH 1984cc Inline4 SOHC 2v	04/2000 - 06/2001	L4	1984	121	81
AZJ 1984cc Inline4 SOHC 2v	05/2001 - On	L4	1984	121	81
AZM 1984cc Inline4 SOHC 2v	10/2000 - 05/2005	L4	1984	121	81
BBX 1984cc Inline4 SOHC 2v	04/2002 - On	L4	1984	121	81
BDC 1984cc Inline4 SOHC 2v	01/2003 - 06/2003	L4	1984	121	81
BEF 1984cc Inline4 SOHC 2v	04/2002 - On	L4	1984	121	161
BEH 1984cc Inline4 SOHC 2v	05/2002 - 06/2006	L4	1984	121	81
BEJ 1984cc Inline4 SOHC 2v	06/2001 - On	L4	1984	121	81
BER 1984cc Inline4 SOHC 2v	01/2003 - On	L4	1984	121	81
BEV 1984cc Inline4 SOHC 2v	06/2003 - On	L4	1984	121	81
BGD 1984cc Inline4 SOHC 2v	07/2003 - On	L4	1984	121	81
BHP 1984cc Inline4 SOHC 2v	06/2003 - On	L4	1984	121	112
BHY 1984cc Inline4 SOHC 2v	09/2004 - 11/2008	L4	1984	121	160
BLR 1984cc Inline4 DOHC 4v	01/2005 - 07/2007	L4	1984	121	116
BLX 1984cc Inline4 DOHC 4v	05/2004 - 07/2007	L4	1984	121	116
BLY 1984cc Inline4 DOHC 4v	05/2004 - 07/2007	L4	1984	121	116
BPY 1984 Inline4 DOHC 4v Turbo	06/2005 - On	L4	1984	121	110
BSX 1984cc Inline4 DOHC 4v	02/2006 - On	L4	1984	121	81
BVX 1984cc Inline4 DOHC 4v	11/2005 - On	L4	1984	121	110
BVY 1984cc Inline4 DOHC 4v	06/2005 - On	L4	1984	121	116
BVZ 1984cc Inline4 DOHC 4v	11/2005 - On	L4	1984	121	116
BWA 1984cc Inline4 DOHC 4v Turbo	06/2005 - On	L4	1984	121	110
BYD 1984cc Inline4 DOHC 4v Turbo	09/2006 - 05/2007	L4	1984	121	117
CBSA 1984cc Inline4 SOHC 2v	08/2006 - On	L4	1984	121	84
CDLA 1984cc Inline4 DOHC 4v Turbo	11/2009 - On	L4	1984	121	117
CDLC 1984cc Inline4 DOHC 4v Turbo	11/2009 - On	L4	1984	121	117
HP 1994cc Inline5 SOHC 2v	08/1983 - 07/1988	L5	1994	121	103
JS 1994cc Inline5 SOHC 2v	08/1983 - 07/1988	L5	1994	121	103
AAC 1998cc Inline4 SOHC 2v	09/1990 - 06/2003	L4	1998	121	66
DJ 2095cc Flat4 OHV 2v	08/1984 - 07/1992	H4	2095	127	121
MV 2095cc Flat4 OHV 2v	08/1985 - 12/1992	H4	2095	127	121
SR 2095cc Flat4 OHV 2v	08/1986 - 07/1992	H4	2095	127	121
SS 2095cc Flat4 OHV 2v	08/1989 - 07/1992	H4	2095	127	121
WE 2144cc Inline5 SOHC 2v	06/1977 - 07/1984	L5	2144	130	59
HY 2226cc Inline5 SOHC 2v	08/1984 - 07/1988	L5	2226	135	104
JT 2226cc Inline5 SOHC 2v	08/1985 - 07/1988	L5	2226	135	104
KM 2226cc Inline5 SOHC 2v	08/1983 - 07/1985	L5	2226	135	104
KV 2226cc Inline5 SOHC 2v	01/1985 - 03/1988	L5	2226	135	104
KX 2226cc Inline5 SOHC 2v	01/1985 - 07/1988	L5	2226	135	104
AGZ 2324cc V5 DOHC 2v	09/1997 - 06/2001	V5	2324	141	130
AQN 2324cc V5 DOHC 5v	09/2000 - On	V5	2324	141	130
AZX 2324cc V5 DOHC 4v	01/2001 - 05/2005	V5	2324	141	130
AAB 2370cc Inline5 SOHC 2v Diesel	09/1990 - 12/2000	L5	2370	144	61
AJA 2370cc Inline5 SOHC 2v Diesel	04/1997 - 06/2003	L5	2370	144	61
1E 2383cc Inline6 SOHC 2v	08/1988 - 12/1995	L6	2383	145	138
1G 2383cc Inline6 SOHC 2v Turbo Diesel	08/1988 - 07/1992	L6	2383	145	138
1S 2383cc Inline6 SOHC 2v Diesel	08/1988 - 12/1995	L6	2383	145	138
751 2383cc Inline6 SOHC 2v Diesel	09/1983 - 06/1993	L6	2383	145	138
752 2383cc Inline6 SOHC 2v Turbo Diesel	09/1983 - 06/1993	L6	2383	145	138
ACL 2383cc Inline6 SOHC 2v Turbo Diesel	08/1991 - 12/1995	L6	2383	145	138
ACT 2383cc Inline6 SOHC 2v Diesel	08/1992 - 12/1995	L6	2383	145	138



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
CP 2383cc Inline6 SOHC 2v Diesel	08/1978 - 11/1982	L6	2383	145	138
DL 2383cc Inline6 SOHC 2v	08/1982 - 07/1992	L6	2383	145	138
DV 2383cc Inline6 SOHC 2v Turbo Diesel	12/1982 - 07/1992	L6	2383	145	138
DW 2383cc Inline6 SOHC 2v Diesel	12/1982 - 07/1992	L6	2383	145	138
HS 2383cc Inline6 SOHC 2v	01/1983 - 12/1985	L6	2383	145	138
AAF 2461cc Inline5 SOHC 2v	09/1990 - 04/1995	L5	2461	150	102
ACU 2461cc Inline5 SOHC 2v	08/1993 - 10/1996	L5	2461	150	102
ACV 2461cc Inline5 SOHC 2v Turbo Diesel	09/1995 - 09/2003	L5	2461	150	105
AEN 2461cc Inline5 SOHC 2v	05/1995 - 12/1995	L5	2461	150	102
AET 2461cc Inline5 SOHC 2v	08/1996 - 09/2003	L5	2461	150	102
AEU 2461cc Inline5 SOHC 2v	08/1996 - 06/2003	L5	2461	150	102
AGX 2461cc Inline5 SOHC 2v Diesel	05/1996 - 04/2001	L5	2461	150	105
AHD 2461cc Inline5 SOHC 2v Turbo Diesel	05/1996 - 05/1999	L5	2461	150	105
AHY 2461cc Inline5 SOHC 2v Turbo Diesel	05/1998 - 09/2000	L5	2461	150	105
AJT 2461cc Inline5 SOHC 2v Turbo Diesel	05/1998 - 09/2003	L5	2461	150	105
ANF 2461cc Inline5 SOHC 2v Diesel	02/2002 - On	L5	2461	150	105
ANG 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	2461	150	105
ANH 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	2461	150	105
ANJ 2461cc Inline5 SOHC 2v Turbo Diesel	05/1999 - 07/2006	L5	2461	150	105
APA 2461cc Inline5 SOHC 2v Turbo Diesel	05/1999 - 04/2001	L5	2461	150	105
APL 2461cc Inline5 SOHC 2v	05/1999 - 12/1999	L5	2461	150	102
AUF 2461cc Inline5 SOHC 2v Turbo Diesel	11/1999 - 09/2003	L5	2461	150	105
AVR 2461cc Inline5 SOHC 2v Turbo Diesel	12/2002 - 07/2006	L5	2461	150	105
AVT 2461cc Inline5 SOHC 2v	12/1999 - 06/2003	L5	2461	150	102
AXD 2461cc Inline5 SOHC 2v Turbo Diesel	04/2003 - On	L5	2461	150	149
AXE 2461cc Inline5 SOHC 2v Turbo Diesel	04/2003 - On	L5	2461	150	149
AXG 2461cc Inline5 SOHC 2v Turbo Diesel	09/2000 - 09/2003	L5	2461	150	105
AXL 2461cc Inline5 SOHC 2v Turbo Diesel	04/2001 - 09/2003	L5	2461	150	105
AYC 2461cc Inline5 SOHC 2v Turbo Diesel	04/2001 - 09/2003	L5	2461	150	105
AYY 2461cc Inline5 SOHC 2v Diesel	10/2001 - 09/2003	L5	2461	150	105
BAC 2461cc Inline5 SOHC 2v Turbo Diesel	01/2003 - 11/2006	L5	2461	150	149
BBE 2461cc Inline5 SOHC 2v Diesel	04/2001 - 07/2006	L5	2461	150	105
BBF 2461cc Inline5 SOHC 2v Diesel	04/2001 - 07/2006	L5	2461	150	105
BBR 2461cc Inline5 SOHC 2v Turbo Diesel	01/2003 - On	L5	2461	150	105
BCT 2461cc Inline5 SOHC 2v Diesel	02/2002 - On	L5	2461	150	105
BCU 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	2461	150	105
BCV 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	2461	150	105
BJJ 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	2461	150	156
BJK 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	2461	150	156
BJL 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	2461	150	156
BJM 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	2461	150	156
BLJ 2461cc Inline5 SOHC 2v Turbo Diesel	11/2003 - 11/2009	L5	2461	150	149
BLK 2461cc Inline5 SOHC 2v Turbo Diesel	07/2003 - 11/2006	L5	2461	150	149
BNZ 2461cc Inline5 SOHC 2v Turbo Diesel	01/2006 - 11/2009	L5	2461	150	149
BPC 2461cc Inline5 SOHC 2v Turbo Diesel	01/2006 - 11/2009	L5	2461	150	149
BPD 2461cc Inline5 SOHC 2v Turbo Diesel	01/2006 - On	L5	2461	150	149
BPE 2461cc Inline5 SOHC 2v Turbo Diesel	01/2006 - On	L5	2461	150	149
BTW 2461cc Inline5 SOHC 2v Turbo Diesel	04/2005 - On	L5	2461	150	105
CEBA 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	2461	150	156
CEBB 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	2461	150	156
CECA 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	2461	150	156
CECB 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	2461	150	156
ACK 2771cc V6 DOHC 5v	05/1997 - 12/1998	V6	2771	169	157
AGE 2771cc V6 DOHC 5v	05/1997 - 09/1999	V6	2771	169	157
AHA 2771cc V6 DOHC 5v	01/1994 - 12/1999	V6	2771	169	163
ALG 2771cc V6 DOHC 5v	06/1997 - 12/1998	V6	2771	169	157
AMX 2771cc V6 DOHC 5v	10/2000 - 05/2005	V6	2771	169	157
APR 2771cc V6 DOHC 5v	01/1999 - 02/2001	V6	2771	169	157

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ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AQD 2771cc V6 DOHC 5v	01/1999 - 08/2000	V6	2771	169	157
ATQ 2771cc V6 DOHC 5v	10/2000 - 05/2005	V6	2771	169	157
ATX 2771cc V6 DOHC 5v	09/1999 - 08/2000	V6	2771	169	157
BBG 2771cc V6 DOHC 5v	10/2000 - 05/2005	V6	2771	169	157
AAA 2792cc V6 DOHC 2v	06/1991 - On	V6	2792	170	131
AES 2792cc V6 DOHC 2v	01/1996 - 05/2000	V6	2792	170	131
AMV 2792cc V6 DOHC 4v	05/2000 - 09/2003	V6	2792	170	131
AQP 2792cc V6 DOHC 4v	05/1999 - 05/2000	V6	2792	170	131
AUE 2792cc V6 DOHC 4v	01/2000 - 04/2002	V6	2792	170	131
AYL 2792cc V6 DOHC 4v	04/2000 - On	V6	2792	170	131
BDE 2792cc V6 DOHC 4v	05/2001 - 06/2005	V6	2792	170	131
ABV 2861cc V6 DOHC 2v	10/1984 - 12/1997	V6	2861	174	131
AXZ 3168cc V6 DOHC 4v	11/2005 - On	V6	3168	193	132
AXJ 3189cc V6 DOHC 4v	10/2000 - 05/2001	V6	3189	194	131
AYT 3189cc V6 DOHC 4v	05/2002 - 05/2005	V6	3189	194	131
AZZ 3189cc V6 DOHC 4v	11/2002 - 05/2004	V6	3189	194	131
BAA 3189cc V6 DOHC 4v	08/2003 - 05/2004	V6	3189	194	131
BDL 3189cc V6 DOHC 4v	02/2004 - 11/2009	V6	3189	194	131
BFH 3189cc V6 DOHC 4v	06/2002 - 05/2004	V6	3189	194	131
BKJ 3189cc V6 DOHC 4v	05/2003 - 05/2004	V6	3189	194	131
BKK 3189cc V6 DOHC 4v	02/2004 - 11/2009	V6	3189	194	131
BKL 3189cc V6 DOHC 4v	08/2003 - 10/2008	V6	3189	194	131
BML 3189cc V6 DOHC 4v	10/2003 - 06/2006	V6	3189	194	131
BMV 3189cc V6 DOHC 4v	05/2004 - 11/2006	V6	3189	194	131
BMX 3189cc V6 DOHC 4v	05/2004 - 11/2006	V6	3189	194	131
BRJ 3189cc V6 DOHC 4v	05/2004 - 05/2006	V6	3189	194	131
BRK 3189cc V6 DOHC 4v	05/2004 - 10/2008	V6	3189	194	131
BUB 3189cc V6 DOHC 4v	11/2005 - On	V6	3189	194	131
CBRA 3189cc V6 DOHC 4v	05/2007 - On	V6	3189	194	131
CFLA 3189cc V6 DOHC 4v	11/2003 - 11/2009	V6	3189	194	131
BHK 3597cc V6 DOHC 4v	10/2005 - On	V6	3597	219	132
BLV 3597cc V6 DOHC 4v	05/2004 - On	V6	3597	219	132
BWS 3597cc V6 DOHC 4v	04/2007 - On	V6	3597	219	133



1	Engine	Year	Cyl	Bore x Stroke	1		
	HE 771cc Inline4 SOHC 2v	01/1976 - 07/1978	L4	64.5mm x 59.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1610A STD, .25, .50, .75, 1.00, 1.50		41.950/1.6516	45.000/1.7717	1.506/.0593	18.00/.709	F810	1610A
		41.970/1.6524	45.016/1.7723				IH
CONROD							
4B1610P STD, .25, .50, .75, 1.00, 1.25		41.965/1.6522	45.000/1.7717	1.505/.0593	18.00/.709	F780	1610
		41.980/1.6528	45.016/1.7723				IH
MAINS							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
MAINS							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				L
MAINS							
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F)
		53.978/2.1251	59.019/2.3236				UL
MAINS							
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1654(F)
		53.978/2.1251	59.019/2.3236				UL
MAINS							
<i>Full Groove Set. Overwidth flange on undersizes.</i>							
5M1675A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1675A(F)
		53.978/2.1251	59.019/2.3236				UL
AUX							
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				

2	Engine	Year	Cyl	Bore x Stroke	2
	361 1093cc Inline4 SOHC 2v	01/1974 - On	L4	69.5mm x 72.0mm	
	FA 1093cc Inline4 SOHC 2v	02/1974 - 07/1979	L4	69.5mm x 72.0mm	
	FJ 1093cc Inline4 SOHC 2v	08/1976 - 07/1979	L4	69.5mm x 72.0mm	
	GG 1093cc Inline4 SOHC 2v	08/1979 - 02/1984	L4	69.5mm x 72.0mm	
	HA 895cc Inline4 SOHC 2v	04/1975 - 09/1981	L4	69.5mm x 59.0mm	
	HB 1093cc Inline4 SOHC 2v	04/1975 - 07/1983	L4	69.5mm x 72.0mm	
	HD 1093cc Inline4 SOHC 2v	08/1976 - 07/1978	L4	69.5mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B1610A STD, .25, .50, .75, 1.00, 1.50		41.950/1.6516 41.970/1.6524	45.000/1.7717 45.016/1.7723	1.506/.0593	18.00/.709	F810	1610A IH
4B1610P STD, .25, .50, .75, 1.00, 1.25		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.505/.0593	18.00/.709	F780	1610 IH
	MAINS	<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
	MAINS	<i>Full Groove Set. Overwidth flange on undersizes.</i>					
5M1675A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1675A(F) UL
	AUX						
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
	PISTON PIN BUSH	<i>Set of 4.</i>					
4RB4169 UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	4RB4169
	PISTON PIN BUSH						
RB4169 UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	RB4169

3	Engine	Year	Cyl	Bore x Stroke	3
	HC 1093cc Inline4 SOHC 2v	04/1975 - 07/1977	L4	69.5mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B1610A STD, .25, .50, .75, 1.00, 1.50		41.950/1.6516 41.970/1.6524	45.000/1.7717 45.016/1.7723	1.506/.0593	18.00/.709	F810	1610A IH
4B1610P STD, .25, .50, .75, 1.00, 1.25		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.505/.0593	18.00/.709	F780	1610 IH
	MAINS	<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
	AUX						
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007



3 Continued ... **3**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4169 UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	4RB4169
PISTON PIN BUSH							
RB4169 UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	RB4169

4 Engine **4**

Year **Cyl** **Bore x Stroke**

ABD 1391cc Inline4 SOHC 2v 11/1991 - 07/1995 L4 76.5mm x 76.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1610A STD, .25, .50, .75, 1.00, 1.50		41.950/1.6516 41.970/1.6524	45.000/1.7717 45.016/1.7723	1.506/.0593	18.00/.709	F810	1610A IH
CONROD							
4B1610P STD, .25, .50, .75, 1.00, 1.25		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.505/.0593	18.00/.709	F780	1610 IH
MAINS <i>Full Groove Set. Requires thrustwashers.</i>							
5M1648A STD, .25, .50, .75, 1.00, 1.25		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH
THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL

5 Engine **5**

Year **Cyl** **Bore x Stroke**

EP 1297cc Inline4 SOHC 2v 08/1981 - 07/1987 L4 75.0mm x 73.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>Has one oil hole.</i>								
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
CONROD <i>Has one oil hole.</i>								
RACE SERIES 4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>								
RACE SERIES 4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
CONROD <i>Has plain shells.</i>								
4B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH	
MAINS <i>Full groove on #4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	MAINS <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
	5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
1,2,4,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
3		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236					

5 Continued ...							5
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5C7008 STD	1,2,3,4,5	25.939/1.0212	28.250/1.1122	1.138/.0448	17.00/.669	F820	7008
		25.960/1.0220	28.271/1.1130				
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110	15.00/.591	15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717			F23	7007
		41.975/1.6526	45.025/1.7726				
4RB4170 UNB	PISTON PIN BUSH	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		23.000/.9055	25.00/.984	F100	4RB4170
RB4053 UNB	PISTON PIN BUSH	21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053
		22.000/.8661	25.033/.9856				
RB4170 UNB	PISTON PIN BUSH	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055	25.00/.984	F100	RB4170

6 Engine				Year	Cyl	Bore x Stroke	6							
EU 1272cc Inline4 SOHC 2v				08/1983 - 07/1984	L4	75.0mm x 72.0mm								
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.							
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH							
		47.758/1.8802	50.600/1.9921											
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F781	1606H IH							
		47.758/1.8802	50.600/1.9921											
RACE SERIES 4B1606HX STD	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		1.392/.0548	19.00/.748	F781	1606HX IH							
		47.778/1.8810	50.619/1.9929											
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH							
		47.758/1.8802	50.600/1.9921											
5M1643A STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on #4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>		2.502/.0985	18.50/.728	F810	1648A U							
		1,2,4,5	53.958/2.1243					59.000/2.3228						
			53.978/2.1251					59.019/2.3236						
		1,2,5	53.958/2.1243					59.000/2.3228						
			53.978/2.1251					59.019/2.3236						
		3	53.958/2.1243					59.000/2.3228						
			53.978/2.1251					59.019/2.3236						
		4	53.958/2.1243					59.000/2.3228						
			53.978/2.1251					59.019/2.3236						
		5M1654A STD, .25, .50, .75, 1.00	MAINS					<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>		2.502/.0985	18.50/.728	F810	1648A U	
								1,2,4,5	53.958/2.1243					59.000/2.3228
									53.978/2.1251					59.019/2.3236
1,2,4,5	53.958/2.1243			59.000/2.3228										
	53.978/2.1251			59.019/2.3236										
3	53.958/2.1243			59.000/2.3228										
	53.978/2.1251			59.019/2.3236										
2BS7006 UNB	AUX			42.959/1.6913	46.000/1.8110	15.00/.591	15.00/.591	F23	7006					
				42.975/1.6919	46.025/1.8120									
				41.959/1.6519	45.000/1.7717			F23	7007					
				41.975/1.6526	45.025/1.7726									
4RB4170 UNB	PISTON PIN BUSH			<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		23.000/.9055	25.00/.984	F100	4RB4170					
				23.052/.9076										



6 Continued ...							6
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

PISTON PIN BUSH		<i>Has 6.5mm oil hole and part groove.</i>					
RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170

7 Engine	Year	Cyl	Bore x Stroke	7
FY 1272cc Inline4 SOHC 2v	01/1978 - 07/1983	L4	75.0mm x 72.0mm	
FZ 1272cc Inline4 SOHC 2v	01/1978 - 07/1983	L4	75.0mm x 72.0mm	
GF 1272cc Inline4 SOHC 2v	02/1977 - 12/1985	L4	75.0mm x 72.0mm	
GL 1043cc Inline4 SOHC 2v	08/1981 - 10/1986	L4	75.0mm x 59.0mm	
GN 1043cc Inline4 SOHC 2v	08/1983 - 07/1985	L4	75.0mm x 59.0mm	
GT 1272cc Inline4 SOHC 2v	08/1982 - 07/1988	L4	75.0mm x 72.0mm	
HH 1272cc Inline4 SOHC 2v	08/1977 - 07/1983	L4	75.0mm x 72.0mm	
HJ 1272cc Inline4 SOHC 2v	01/1977 - 07/1982	L4	75.0mm x 72.0mm	
HK 1272cc Inline4 SOHC 2v	08/1983 - 07/1986	L4	75.0mm x 72.0mm	
HW 1272cc Inline4 SOHC 2v	08/1983 - 07/1985	L4	75.0mm x 72.0mm	
MH 1272cc Inline4 SOHC 2v	08/1985 - 12/1988	L4	75.0mm x 72.0mm	
NU 1272cc Inline4 SOHC 2v	08/1985 - 12/1987	L4	75.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B1610A STD, .25, .50, .75, 1.00, 1.50		41.950/1.6516 41.970/1.6524	45.000/1.7717 45.016/1.7723	1.506/.0593	18.00/.709	F810	1610A IH

CONROD							
4B1610P STD, .25, .50, .75, 1.00, 1.25		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.505/.0593	18.00/.709	F780	1610 IH

MAINS		<i>Full Groove Set. Overwidth flange on undersizes.</i>					
5M1675A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1675A(F) UL

AUX							
2B57006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007

PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4169 UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	4RB4169

PISTON PIN BUSH							
RB4169 UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	RB4169

8 Engine	Year	Cyl	Bore x Stroke	8
GS 1272cc Inline4 SOHC 2v	08/1982 - 02/1984	L4	75.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B1610A STD, .25, .50, .75, 1.00, 1.50		41.950/1.6516 41.970/1.6524	45.000/1.7717 45.016/1.7723	1.506/.0593	18.00/.709	F810	1610A IH

CONROD							
4B1610P STD, .25, .50, .75, 1.00, 1.25		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.505/.0593	18.00/.709	F780	1610 IH

MAINS		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L

Volkswagen



8 Continued ...							8
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1643A STD, .25, .50, .75, 1.00	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
5M1654A STD, .25, .50, .75, 1.00		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
	5M1675A STD, .25, .50, .75, 1.00		<i>Full Groove Set. Overwidth flange on undersizes.</i>				
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1675A(F) UL
2BS7006 UNB	AUX						
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
	PISTON PIN BUSH		<i>Set of 4.</i>				
4RB4169 UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	4RB4169
	PISTON PIN BUSH						
RB4169 UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	RB4169



9	Engine	Year	Cyl	Bore x Stroke	9
	CK 1471cc Inline4 SOHC 2v Diesel	08/1976 - 12/1982	L4	76.5mm x 80.0mm	
	EE 1588cc Inline4 SOHC 2v	02/1976 - 07/1977	L4	79.5mm x 80.0mm	
	EF 1588cc Inline4 SOHC 2v	02/1976 - 07/1976	L4	79.5mm x 80.0mm	
	EG 1588cc Inline4 SOHC 2v	06/1976 - 07/1982	L4	79.5mm x 80.0mm	
	EH 1457cc Inline4 SOHC 2v	08/1977 - 07/1979	L4	79.5mm x 73.4mm	
	EJ 1588cc Inline4 SOHC 2v	08/1979 - 07/1980	L4	79.5mm x 80.0mm	
	EM 1588cc Inline4 SOHC 2v	06/1979 - 02/1984	L4	79.5mm x 80.0mm	
	FD 1471cc Inline4 SOHC 2v	02/1974 - 09/1975	L4	76.5mm x 80.0mm	
	FN 1588cc Inline4 SOHC 2v	01/1975 - 06/1979	L4	79.5mm x 80.0mm	
	FP 1588cc Inline4 SOHC 2v	01/1975 - 06/1979	L4	79.5mm x 80.0mm	
	FR 1588cc Inline4 SOHC 2v	08/1975 - 02/1984	L4	79.5mm x 80.0mm	
	FS 1588cc Inline4 SOHC 2v	01/1976 - 08/1979	L4	79.5mm x 80.0mm	
	FT 1588cc Inline4 SOHC 2v	08/1975 - 07/1977	L4	79.5mm x 80.0mm	
	FV 1588cc Inline4 SOHC 2v	01/1976 - 07/1979	L4	79.5mm x 80.0mm	
	FX 1457cc Inline4 SOHC 2v	08/1977 - 07/1980	L4	79.5mm x 73.4mm	
	GH 1457cc Inline4 SOHC 2v	08/1979 - 07/1980	L4	79.5mm x 73.4mm	
	JB 1457cc Inline4 SOHC 2v	08/1977 - 02/1984	L4	79.5mm x 73.4mm	
	WP 1588cc Inline4 SOHC 2v	08/1980 - 07/1981	L4	79.5mm x 80.0mm	
	WY 1588cc Inline4 SOHC 2v	09/1979 - 07/1983	L4	79.5mm x 80.0mm	
	WZ 1588cc Inline4 SOHC 2v	08/1978 - 11/1980	L4	79.5mm x 80.0mm	
	YG 1588cc Inline4 SOHC 2v	01/1975 - 07/1980	L4	79.5mm x 80.0mm	
	YH 1588cc Inline4 SOHC 2v	09/1974 - 07/1980	L4	79.5mm x 80.0mm	
	YP 1588cc Inline4 SOHC 2v	09/1975 - 12/1982	L4	79.5mm x 80.0mm	
	YS 1588cc Inline4 SOHC 2v	02/1979 - 07/1980	L4	79.5mm x 80.0mm	
	YV 1588cc Inline4 SOHC 2v	09/1975 - 12/1983	L4	79.5mm x 80.0mm	
	YY 1588cc Inline4 SOHC 2v	02/1979 - 07/1981	L4	79.5mm x 80.0mm	
	ZA 1297cc Inline4 SOHC 2v	05/1973 - 01/1978	L4	75.0mm x 73.4mm	
	ZF 1297cc Inline4 SOHC 2v	05/1973 - 01/1978	L4	75.0mm x 73.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has plain shells.</i>							
4B1636A STD, .25, .50, .75, 1.00		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A
		45.970/1.8098	49.016/1.9298				IH
CONROD <i>Has plain shells.</i>							
4B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F780	1636
		45.970/1.8098	49.016/1.9298				IH
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				L
MAINS <i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>							
5M1645A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U

9 Continued ...							9
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1645A STD, .25, .50, .75, 1.00	1,2,5,	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1645A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	MAINS <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
	MAINS <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL
	CAMS						
5C7008 STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008
	AUX						
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
	PISTON PIN BUSH						
RB4053 UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

10 Engine	Year	Cyl	Bore x Stroke	10
1W 1398cc Inline4 SOHC 2v Diesel	10/1990 - 07/1994	L4	75.0mm x 79.1mm	
2G 1272cc Inline4 SOHC 2v	01/1989 - 08/1994	L4	75.0mm x 72.0mm	
3F 1272cc Inline4 SOHC 2v	01/1990 - 07/1994	L4	75.0mm x 72.0mm	
AAK 1043cc Inline4 SOHC 2v	01/1990 - 07/1990	L4	75.0mm x 59.0mm	
AAU 1043cc Inline4 SOHC 2v	10/1990 - 07/1994	L4	75.0mm x 59.0mm	
AAV 1272cc Inline4 SOHC 2v	01/1991 - 07/1994	L4	75.0mm x 72.0mm	
ACM 1043cc Inline4 SOHC 2v	02/1992 - 12/1992	L4	75.0mm x 59.0mm	
AEV 1043cc Inline4 SOHC 2v	10/1994 - 06/1996	L4	75.0mm x 59.0mm	
GK 1272cc Inline4 SOHC 2v	08/1982 - 07/1989	L4	75.0mm x 72.0mm	
HZ 1043cc Inline4 SOHC 2v	05/1985 - 01/1992	L4	75.0mm x 59.0mm	
NZ 1272cc Inline4 SOHC 2v	08/1985 - 12/1992	L4	75.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1610A STD, .25, .50, .75, 1.00, 1.50	CONROD						
		41.950/1.6516 41.970/1.6524	45.000/1.7717 45.016/1.7723	1.506/.0593	18.00/.709	F810	1610A IH
4B1610P STD, .25, .50, .75, 1.00, 1.25	CONROD						
		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.505/.0593	18.00/.709	F780	1610 IH
5M1648A STD, .25, .50, .75, 1.00, 1.25	MAINS <i>Full Groove Set. Requires thrustwashers.</i>						
		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH
2T1644 STD	THRUST						
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL



10 Continued ... 10

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2BS7006 UNB	AUX 1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
4RB4169 UNB	PISTON PIN BUSH <i>Set of 4.</i>		23.000/.9055		24.00/.945	F100	4RB4169
			23.025/.9065				
RB4169 UNB	PISTON PIN BUSH		23.000/.9055		24.00/.945	F100	RB4169
			23.025/.9065				

11 Engine Year Cyl Bore x Stroke 11
 MN 1272cc Inline4 SOHC 2v Diesel 08/1985 - 07/1990 L4 75.0mm x 72.0mm
 PY 1272cc Inline4 SOHC 2v 08/1986 - 07/1994 L4 75.0mm x 72.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1610A STD, .25, .50, .75, 1.00, 1.50	CONROD	41.950/1.6516	45.000/1.7717	1.506/.0593	18.00/.709	F810	1610A IH
		41.970/1.6524	45.016/1.7723				
4B1610P STD, .25, .50, .75, 1.00, 1.25	CONROD	41.965/1.6522	45.000/1.7717	1.505/.0593	18.00/.709	F780	1610 IH
		41.980/1.6528	45.016/1.7723				
5M1648A STD, .25, .50, .75, 1.00, 1.25	MAINS	<i>Full Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A IH
	MAINS	<i>Full Groove Set. Overwidth flange on undersizes.</i>					
		53.978/2.1251	59.019/2.3236				
5M1675A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1675A(F) UL
	THRUST		59.500/2.3425	73.000/2.8740	1.98/.078	F817	1644T UL
			59.700/2.3504	73.200/2.8819			
2BS7006 UNB	AUX 1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
4RB4169 UNB	PISTON PIN BUSH <i>Set of 4.</i>		23.000/.9055		24.00/.945	F100	4RB4169
			23.025/.9065				
RB4169 UNB	PISTON PIN BUSH		23.000/.9055		24.00/.945	F100	RB4169
			23.025/.9065				

12 Engine Year Cyl Bore x Stroke 12
 ALM 1598cc Inline SOHC 2v 07/1998 - 09/2001 L4 76.5mm x 86.9mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1615A STD, .25, .50, .75	CONROD	<i>Bearing has no locating notch.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	18.50/.728	F810	1615A IH
	CONROD	47.778/1.8810	50.619/1.9929				
		47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
4B5542A STD, .25, .50, .75	MAINS	47.778/1.8810	50.612/1.9926				
5M5543A STD, .25, .50	1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
		53.978/2.1251	59.019/2.3236				

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12 Continued ... 12

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
2BS7006 UNB	AUX	1	42.959/1.6913	46.000/1.8110	15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120			
		2	41.959/1.6519	45.000/1.7717			
41.975/1.6526	45.025/1.7726						

13 Engine Year Cyl Bore x Stroke 13

ABU 1598cc Inline4 SOHC 2v	08/1992 - 09/1994	L4	76.5mm x 86.9mm
ADX 1296cc Inline4 SOHC 2v	10/1994 - 04/1997	L4	76.5mm x 70.5mm
AEA 1598cc Inline4 SOHC 2v	10/1994 - 07/1995	L4	76.5mm x 86.9mm
AEX 1390cc Inline4 SOHC 2v	07/1995 - 12/1997	L4	76.5mm x 75.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B1615A STD, .25, .50, .75	CONROD	<i>Bearing has no locating notch.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	18.50/.728	F810	1615A IH
5M1648A STD, .25, .50, .75, 1.00, 1.25	MAINS	<i>Full Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A IH
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
2BS7006 UNB	AUX	1	42.959/1.6913	46.000/1.8110	15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120			
		2	41.959/1.6519	45.000/1.7717			
41.975/1.6526	45.025/1.7726						

14 Engine Year Cyl Bore x Stroke 14

AFH 1390cc Inline4 DOHC 4v	04/1996 - 12/1999	L4	76.5mm x 75.6mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B1615A STD, .25, .50, .75	CONROD	<i>Bearing has no locating notch.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	18.50/.728	F810	1615A IH	
4B5536D STD, .25	CONROD	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F781	5536D U	
		47.778/1.8810	50.612/1.9926	1.406/.0554	20.00/.787	F780	5536 L	
		47.758/1.8802	50.600/1.9921					
		47.778/1.8810	50.612/1.9926					
4B5536P STD, .25	CONROD	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 IH	
		47.778/1.8810	50.612/1.9926					
5M1653A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,4,5	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
			53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
			53.958/2.1243	59.000/2.3228				
			53.978/2.1251	59.019/2.3236				
5M1653P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
			53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
			53.958/2.1243	59.000/2.3228				
			53.978/2.1251	59.019/2.3236				
5M5543A STD, .25, .50	MAINS	1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
		53.978/2.1251	59.019/2.3236					



14 Continued ...							14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
4RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		20.000/.7874	20.50/.807	F100	4RB4174
				20.033/.7887			
RB4174 UNB	PISTON PIN BUSH		20.000/.7874		20.50/.807	F100	RB4174
			20.033/.7887				

15 Engine				Year	Cyl	Bore x Stroke	15
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AHS 1598cc Inline4 SOHC 2v				03/1996 - 12/1999	L4	76.5mm x 86.9mm	
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1615A STD, .25, .50, .75	CONROD	<i>Bearing has no locating notch.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	18.50/.728	F810	1615A IH	
5M1653A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
		53.958/2.1243	59.000/2.3228					
5M1653P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
		53.958/2.1243	59.000/2.3228					
5M5543A STD, .25, .50	MAINS	1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
			53.978/2.1251	59.019/2.3236				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
4RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		20.000/.7874	20.50/.807	F100	4RB4174	
				20.033/.7887				
RB4174 UNB	PISTON PIN BUSH		20.000/.7874		20.50/.807	F100	RB4174	
			20.033/.7887					

16 Engine				Year	Cyl	Bore x Stroke	16
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AFK 1390cc Inline4 DOHC 4v				05/1999 - 09/2001	L4	76.5mm x 75.6mm	
AKP 1390cc Inline4 SOHC 2v				10/1999 - 09/2001	L4	76.5mm x 75.6mm	
AKQ 1390cc Inline4 DOHC 4v				10/1997 - 05/2000	L4	76.5mm x 75.6mm	
AXP 1390cc Inline4 DOHC 4v				05/2000 - 04/2002	L4	76.5mm x 75.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1615A STD, .25, .50, .75	CONROD	<i>Bearing has no locating notch.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	18.50/.728	F810	1615A IH	
5M5543A STD, .25, .50	MAINS	1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
			53.978/2.1251	59.019/2.3236				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
2T5535 STD	THRUST	59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T UL	
		59.750/2.3524	71.800/2.8268					

16 Continued ... 16

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2BS7006 UNB	AUX 1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
4RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>	20.000/.7874		20.50/.807	F100	4RB4174
			20.033/.7887				
RB4174 UNB	PISTON PIN BUSH		20.000/.7874		20.50/.807	F100	RB4174
			20.033/.7887				

17 Engine Year Cyl Bore x Stroke 17

AHW 1390cc Inline4 DOHC 4v	10/1997 - 06/2006	L4	76.5mm x 75.6mm
AKK 1390cc Inline4 SOHC 2v	10/1999 - 09/2001	L4	76.5mm x 75.6mm
ANW 1390cc Inline4 SOHC 2v	10/1999 - 08/2000	L4	76.5mm x 75.6mm
APE 1390cc Inline4 DOHC 4v	05/1999 - 12/2000	L4	76.5mm x 75.6mm
AQQ 1390cc Inline4 DOHC 4v	05/1999 - 05/2000	L4	76.5mm x 75.6mm
AUA 1390cc Inline4 DOHC 4v	10/1999 - 06/2003	L4	76.5mm x 75.6mm
AUB 1390cc Inline4 DOHC 4v	05/2000 - 07/2005	L4	76.5mm x 75.6mm
AUD 1390cc Inline4 SOHC 2v	10/1999 - 07/2005	L4	76.5mm x 75.6mm
BBY 1390cc Inline4 DOHC 4v	11/2001 - 07/2006	L4	76.5mm x 75.6mm
BBZ 1390cc Inline4 DOHC 4v	05/2002 - On	L4	76.5mm x 75.6mm
BKY 1390cc Inline4 DOHC 4v	05/2004 - 05/2008	L4	76.5mm x 75.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1615A STD, .25, .50, .75	CONROD	<i>Bearing has no locating notch.</i>		1.405/.0553	18.50/.728	F810	1615A IH
		47.758/1.8802	50.600/1.9921				
4B5542A STD, .25, .50, .75	CONROD	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
5M5543A STD, .25, .50	MAINS 1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
		53.978/2.1251	59.019/2.3236				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
2T5535 STD	THRUST	59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T UL
		59.750/2.3524	71.800/2.8268				
2BS7006 UNB	AUX 1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
4RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>	20.000/.7874		20.50/.807	F100	4RB4174
			20.033/.7887				
RB4174 UNB	PISTON PIN BUSH		20.000/.7874		20.50/.807	F100	RB4174
			20.033/.7887				



Volkswagen

18 Engine		Year	Cyl	Bore x Stroke	18		
BCA 1390cc Inline4 DOHC 4v		08/2001 - On	L4	76.5mm x 75.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD	<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
4B1615A STD, .25, .50, .75	CONROD	<i>Bearing has no locating notch.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	18.50/.728	F810	1615A IH
4B5542A STD, .25, .50, .75	CONROD	47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	17.20/.677	F810	5542A IH
5M5543A STD, .25, .50	MAINS 1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
2T5535 STD	THRUST	59.500/2.3425 59.750/2.3524	71.550/2.8169 71.800/2.8268		2.48/.097	F817	5535T UL
2B57006 UNB	AUX 1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
4RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174
RB4174 UNB	PISTON PIN BUSH		20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174

19 Engine		Year	Cyl	Bore x Stroke	19		
AJV 1598cc Inline4 DOHC 4v		08/1998 - 12/1999	L4	76.5mm x 75.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD	<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
4B1615A STD, .25, .50, .75	CONROD	<i>Bearing has no locating notch.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	18.50/.728	F810	1615A IH
5M5543A STD, .25, .50	MAINS 1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL

19 Continued ... 19

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	PISTON PIN BUSH		<i>Set of 4.</i>				
4RB4174 UNB			20.000/.7874 20.033/.7887		20.50/.807	F100	4RB4174
	PISTON PIN BUSH						
RB4174 UNB			20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174

20 Engine Year Cyl Bore x Stroke 20

AKV 1390cc Inline4 SOHC 2v	05/1997 - 09/2000	L4	76.5mm x 75.6mm
APQ 1390cc Inline4 SOHC 2v	11/1997 - 06/2003	L4	76.5mm x 75.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD		<i>Bearing has no locating notch.</i>				
4B1615A STD, .25, .50, .75		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	18.50/.728	F810	1615A IH
4B5542A STD, .25, .50, .75		47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	17.20/.677	F810	5542A IH
	MAINS		<i>Full Groove Set. Requires thrustwashers.</i>				
5M1648A STD, .25, .50, .75, 1.00, 1.25		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH
5M5543A STD, .25, .50	1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
2BS7006 UNB	AUX						
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
	PISTON PIN BUSH		<i>Set of 4.</i>				
4RB4174 UNB			20.000/.7874 20.033/.7887		20.50/.807	F100	4RB4174
	PISTON PIN BUSH						
RB4174 UNB			20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174

21 Engine Year Cyl Bore x Stroke 21

ANX 1390cc Inline4 SOHC 2v	01/1998 - 12/1999	L4	76.5mm x 75.6mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD		<i>Bearing has no locating notch.</i>				
4B1615A STD, .25, .50, .75		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	18.50/.728	F810	1615A IH
4B5542A STD, .25, .50, .75		47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	17.20/.677	F810	5542A IH
	MAINS		<i>Full Groove Set. Requires thrustwashers.</i>				
5M1648A STD, .25, .50, .75, 1.00, 1.25		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH
5M5543A STD, .25, .50	1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL



21 Continued ... 21

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
AUX							
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				

22 Engine	Year	Cyl	Bore x Stroke	22
ARC 1598cc Inline4 DOHC 4v	11/1999 - 09/2001	L4	76.5mm x 86.9mm	
AVY 1598cc Inline4 DOHC 4v	06/2000 - 07/2005	L4	76.5mm x 86.9mm	
AZD 1598cc Inline4 DOHC 4v	09/2000 - 11/2001	L4	76.5mm x 86.9mm	
BCB 1598cc Inline4 DOHC 4v	11/2001 - 06/2006	L4	76.5mm x 86.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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RACE SERIES	CONROD	<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
		47.778/1.8810	50.619/1.9929				
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.778/1.8810	50.619/1.9929				
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L
		47.778/1.8810	50.619/1.9929				
4B5542A STD, .25, .50, .75	CONROD	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
5M5543A STD, .25, .50	MAINS 1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
		53.978/2.1251	59.019/2.3236				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
4RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>			20.50/.807	F100	4RB4174
			20.000/.7874				
			20.033/.7887				
RB4174 UNB	PISTON PIN BUSH		20.000/.7874		20.50/.807	F100	RB4174
			20.033/.7887				

23 Engine	Year	Cyl	Bore x Stroke	23
ATN 1598cc Inline4 DOHC 4v	11/1999 - 05/2000	L4	76.5mm x 86.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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RACE SERIES	CONROD	<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
		47.778/1.8810	50.619/1.9929				
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.778/1.8810	50.619/1.9929				
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L
		47.778/1.8810	50.619/1.9929				
5M5543A STD, .25, .50	MAINS 1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
		53.978/2.1251	59.019/2.3236				

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23 Continued ... 23

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
4RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174
RB4174 UNB	PISTON PIN BUSH		20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174

24 Engine Year Cyl Bore x Stroke 24

AUS 1598cc Inline4 DOHC 4v 05/2000 - 04/2001 L4 76.5mm x 86.9mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD	<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802 47.778/1.8810 47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929 50.600/1.9921 50.619/1.9929	1.405/.0553 1.405/.0553	19.00/.748 19.00/.748	F810 F780	1609A L 1609 U
5M1653A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
5M1653P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
5M5543A STD, .25, .50	MAINS	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
4RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174
RB4174 UNB	PISTON PIN BUSH		20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174

25 Engine Year Cyl Bore x Stroke 25

AXU 1390cc Inline4 DOHC 4v 02/2002 - 07/2006 L4 76.5mm x 75.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5544P STD, .25, .50, .75, 1.00	CONROD	47.763/1.8804 47.778/1.8810 47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926 50.600/1.9921 50.612/1.9926	1.406/.0554 1.406/.0554	17.20/.677 17.20/.677	F780 F810	5544 U 5544A L



25 Continued ...							25
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1648A STD, .25, .50, .75, 1.00, 1.25	MAINS	<i>Full Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	AUX						
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
4RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>					
			20.000/.7874 20.033/.7887		20.50/.807	F100	4RB4174
RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>					
			20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174

26 Engine				Year	Cyl	Bore x Stroke	26	
BAD 1598cc Inline4 DOHC 4v				08/2001 - 06/2006	L4	76.5mm x 86.9mm		
BAG 1598cc Inline4 DOHC 4v				02/2003 - 07/2004	L4	76.5mm x 86.9mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B5542A STD, .25, .50, .75	CONROD	47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	17.20/.677	F810	5542A IH	
	CONROD	47.763/1.8804 47.778/1.8810 47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926 50.600/1.9921 50.612/1.9926	1.406/.0554 1.406/.0554	17.20/.677 17.20/.677	F780 F810	5544 U 5544A L	
5M5543A STD, .25, .50	MAINS	1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
	THRUST		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
4RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>						
			20.000/.7874 20.033/.7887		20.50/.807	F100	4RB4174	
RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>						
			20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174	

27 Engine				Year	Cyl	Bore x Stroke	27
BLF 1598cc Inline4 DOHC 4v				01/2005 - On	L4	76.5mm x 86.9mm	
BLP 1598cc Inline4 DOHC 4v				02/2003 - 07/2005	L4	76.5mm x 86.9mm	
BTS 1598cc Inline4 DOHC 4v				05/2006 - On	L4	76.5mm x 86.9mm	
BWK 1390cc Inline4 DOHC 4v Turbo				05/2008 - On	L4	76.5mm x 75.6mm	
CAVB 1390cc Inline4 DOHC 4v Turbo				11/2008 - On	L4	76.5mm x 75.6mm	
CAVC 1390cc Inline4 DOHC 4v Turbo				11/2008 - On	L4	76.5mm x 75.6mm	
CAVD 1390cc Inline4 DOHC 4v Turbo				05/2008 - On	L4	76.5mm x 75.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5542A STD, .25, .50, .75	CONROD	47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	17.20/.677	F810	5542A IH

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27 Continued ...							27	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M5543A STD, .25, .50	MAINS	1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
	THRUST		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819				
4RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174	
	PISTON PIN BUSH			20.000/.7874 20.033/.7887				F100

28 Engine	Year	Cyl	Bore x Stroke	28
BLG 1390cc Inline4 DOHC 4v	11/2005 - On	L4	76.5mm x 75.6mm	
BLN 1390cc Inline4 DOHC 4v	11/2004 - 07/2006	L4	76.5mm x 75.6mm	
BMY 1390cc Inline4 DOHC 4v Turbo	02/2006 - On	L4	76.5mm x 75.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B5542A STD, .25, .50, .75	CONROD		47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	17.20/.677	F810	5542A IH
	MAINS	1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236				
5M5543A STD, .25, .50	THRUST		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819	1.98/.078	F817	1644T UL	
	PISTON PIN BUSH	<i>Set of 4.</i>		20.000/.7874 20.033/.7887				20.50/.807
4RB4174 UNB	PISTON PIN BUSH			20.000/.7874 20.033/.7887	20.50/.807	F100	RB4174	
RB4174 UNB	PISTON PIN BUSH			21.000/.8268 21.033/.8281	20.80/.819	F100	RB4177	

29 Engine	Year	Cyl	Bore x Stroke	29
BUD 1390cc Inline4 DOHC 4v	05/2006 - On	L4	76.5mm x 75.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B1615A STD, .25, .50, .75	CONROD	<i>Bearing has no locating notch.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	18.50/.728	F810	1615A IH
	CONROD			47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926				
4B5542A STD, .25, .50, .75	MAINS	1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL	
	THRUST		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819					1.98/.078
5M5543A STD, .25, .50	PISTON PIN BUSH	<i>Set of 4.</i>		20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174		
4RB4174 UNB				20.000/.7874 20.033/.7887				F100	RB4174



29 Continued ...							29
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4174 UNB			20.000/.7874		20.50/.807	F100	RB4174
			20.033/.7887				
PISTON PIN BUSH							
RB4177 UNB			21.000/.8268		20.80/.819	F100	RB4177
			21.033/.8281				

30 Engine		Year	Cyl	Bore x Stroke	30
FH 1471cc Inline4 SOHC 2v		01/1974 - 12/1975	L4	76.5mm x 80.0mm	
FK 1471cc Inline4 SOHC 2v		08/1974 - 07/1975	L4	76.5mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1610A STD, .25, .50, .75, 1.00, 1.50		41.950/1.6516	45.000/1.7717	1.506/.0593	18.00/.709	F810	1610A
		41.970/1.6524	45.016/1.7723				IH
CONROD							
4B1610P STD, .25, .50, .75, 1.00, 1.25		41.965/1.6522	45.000/1.7717	1.505/.0593	18.00/.709	F780	1610
		41.980/1.6528	45.016/1.7723				IH
MAINS							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
MAINS							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				L
MAINS							
<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>							
5M1645A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,5,	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
MAINS							
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F)
		53.978/2.1251	59.019/2.3236				UL
MAINS							
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U

30 Continued ...							30
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1654P STD, .25, .50, .75, 1.00	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL
5C7008 STD	CAMS 1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008
2BS7006 UNB	AUX 1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
RB4053 UNB	PISTON PIN BUSH	21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

31 Engine	Year	Cyl	Bore x Stroke	31
1V 1588cc Inline4 SOHC 2v Turbo Diesel	08/1989 - 07/1992	L4	76.5mm x 86.4mm	
ME 1588cc Inline4 SOHC 2v Diesel	05/1988 - 07/1992	L4	76.5mm x 86.4mm	
MF 1588cc Inline4 SOHC 2v Turbo Diesel	05/1988 - 10/1991	L4	76.5mm x 86.4mm	
RA 1588cc Inline4 SOHC 2v Turbo Diesel	08/1988 - 02/1990	L4	76.5mm x 86.4mm	
SB 1588cc Inline4 SOHC 2v Turbo Diesel	08/1989 - 10/1993	L4	76.5mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
4B5534A STD, .25, .50, .75, 1.00	CONROD	<i>No Hole. To be superceded by 4B1606A.</i>		1.406/.0554	19.00/.748	F810	5534A IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
4B5534P STD, .25, .50, .75, 1.00	CONROD	<i>No Hole. To be superceded by 4B1606P.</i>		1.406/.0554	19.00/.748	F780	5534 IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
5M1653A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		2.502/.0985	18.49/.728	F810	1644A L
		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236				
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
5M1653P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		2.502/.0985	18.49/.728	F780	1644 L
		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236				
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
4RB4172 UNB	PISTON PIN BUSH	<i>Set of 4.</i>			25.00/.984	F100	4RB4172
			27.000/1.0630 27.021/1.0638				
RB4172 UNB	PISTON PIN BUSH		27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4172



32 Engine		Year		Cyl	Bore x Stroke		32	
682 1471cc Inline4 SOHC 2v Diesel		12/1977 - 01/1982		L4	76.5mm x 80.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>Has one oil hole.</i>								
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A	
		47.778/1.8810	50.619/1.9929				IH	
CONROD <i>Has one oil hole.</i>								
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606	
		47.778/1.8810	50.619/1.9929				IH	
CONROD <i>No Hole. To be superceded by 4B1606A.</i>								
4B5534A STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A	
		47.778/1.8810	50.619/1.9929				IH	
CONROD <i>No Hole. To be superceded by 4B1606P.</i>								
4B5534P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534	
		47.778/1.8810	50.619/1.9929				IH	
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
	MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
	5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
			53.978/2.1251	59.019/2.3236				U
		1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
53.978/2.1251			59.019/2.3236				L	
3		53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)	
		53.978/2.1251	59.019/2.3236				UL	
4		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
MAINS <i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>								
5M1645A STD, .25, .50, .75, 1.00		1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
			53.978/2.1251	59.019/2.3236				U
		1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
	53.978/2.1251		59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
	MAINS <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
	5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
			53.978/2.1251	59.019/2.3236				L
		1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
53.978/2.1251			59.019/2.3236				U	
3		53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F)	
		53.978/2.1251	59.019/2.3236				UL	
MAINS <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>								
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236				L	
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				U	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1654(F)	
		53.978/2.1251	59.019/2.3236				UL	

32 Continued ... 32

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2BS7006 UNB	AUX 1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
RB4053 UNB	PISTON PIN BUSH	21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053
		22.000/.8661	25.033/.9856				

33 Engine Year Cyl Bore x Stroke 33

685 1588cc Inline4 SOHC 2v Diesel	12/1981 - 10/1988	L4	76.5mm x 86.4mm
686 1588cc Inline4 SOHC 2v Turbo Diesel	03/1989 - 12/1990	L4	76.5mm x 86.4mm
68A 1588cc Inline4 SOHC 2v Turbo Diesel	04/1983 - 08/1988	L4	76.5mm x 86.4mm
68C 1588cc Inline4 SOHC 2v Turbo Diesel	04/1983 - 03/1994	L4	76.5mm x 86.4mm
68D 1588cc Inline4 SOHC 2v Diesel	03/1989 - 03/1994	L4	76.5mm x 86.4mm
JR 1588cc Inline4 SOHC 2v Turbo Diesel	08/1983 - 10/1991	L4	76.5mm x 86.4mm
JX 1588cc Inline4 SOHC 2v Turbo Diesel	08/1984 - 07/1992	L4	76.5mm x 86.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH	
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH	
4B5534A STD, .25, .50, .75, 1.00	CONROD	<i>No Hole. To be superceded by 4B1606A.</i>						
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A IH	
4B5534P STD, .25, .50, .75, 1.00	CONROD	<i>No Hole. To be superceded by 4B1606P.</i>						
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534 IH	
5M1653A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
			53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		1,2,3,4,5	53.958/2.1243	59.000/2.3228				
			53.978/2.1251	59.019/2.3236				
		5M1653P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>				
1,2,3,4,5	53.958/2.1243			59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	53.978/2.1251			59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
1,2,3,4,5	53.958/2.1243			59.000/2.3228				
	53.978/2.1251			59.019/2.3236				
5M1654A STD, .25, .50, .75, 1.00	MAINS			<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>				
		1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
			53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
		1,2,4,5	53.958/2.1243	59.000/2.3228				
			53.978/2.1251	59.019/2.3236				
		3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F) UL
53.978/2.1251	59.019/2.3236							
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
2BS7006 UNB	AUX	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120				
		2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
			41.975/1.6526	45.025/1.7726				
4RB4172 UNB	PISTON PIN BUSH	<i>Set of 4.</i>			25.00/.984	F100	4RB4172	
		27.000/1.0630	27.021/1.0638					



33 Continued ...								33
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
PISTON PIN BUSH								
RB4172 UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4172	
34 Engine								34
JK 1588cc Inline4 SOHC 2v Diesel			Year 08/1981 - 11/1998		Cyl L4	Bore x Stroke 76.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
<i>Has one oil hole.</i>								
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
CONROD								
<i>Has one oil hole.</i>								
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
CONROD								
<i>No Hole. To be superceded by 4B1606A.</i>								
4B5534A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH	
CONROD								
<i>No Hole. To be superceded by 4B1606P.</i>								
4B5534P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH	
MAINS								
<i>Half Groove Set. Requires thrustwashers.</i>								
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
MAINS								
<i>Half Groove Set. Requires thrustwashers.</i>								
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
MAINS								
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>								
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
THRUST								
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
CAMS								
5C7008 STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008	
AUX								
2B57006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
PISTON PIN BUSH								
<i>Set of 4.</i>								
4RB4172 UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4172	
PISTON PIN BUSH								
RB4172 UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4172	

Volkswagen



35 Engine		Year		Cyl	Bore x Stroke	35	
JP 1588cc Inline4 SOHC 2v Diesel		08/1983 - 10/1991		L4	76.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES CONROD <i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
CONROD <i>No Hole. To be superceded by 4B1606A.</i>							
4B5534A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
CONROD <i>No Hole. To be superceded by 4B1606P.</i>							
4B5534P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
MAINS <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
AUX							
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4172 UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4172
PISTON PIN BUSH							
RB4172 UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4172

36 Engine		Year		Cyl	Bore x Stroke	36	
ADK 1588cc Inline4 SOHC 2v Diesel		04/1994 - 07/1996		L4	76.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH



36 Continued ...							36
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748 F780 1606 IH
4B5534A STD, .25, .50, .75, 1.00	CONROD	<i>No Hole. To be superceded by 4B1606A.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748 F810 5534A IH
4B5534P STD, .25, .50, .75, 1.00	CONROD	<i>No Hole. To be superceded by 4B1606P.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748 F780 5534 IH
5M1653A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728 F810 1648A U
		1,2,3,4,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728 F810 1644A L
5M1653P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728 F780 1644 L
		1,2,3,4,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728 F780 1648 U
2T1644 STD	THRUST			59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078 F817 1644T UL
5C7008 STD	CAMS	1,2,3,4,5		25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669 F820 7008
4RB4172 UNB	PISTON PIN BUSH	<i>Set of 4.</i>			27.000/1.0630 27.021/1.0638		25.00/.984 F100 4RB4172
RB4172 UNB	PISTON PIN BUSH				27.000/1.0630 27.021/1.0638		25.00/.984 F100 RB4172

37 Engine		Year	Cyl	Bore x Stroke	37		
YJ 1471cc Inline4 SOHC 2v		01/1974 - 12/1975	L4	76.5mm x 80.0mm			
ZB 1471cc Inline4 SOHC 2v		05/1973 - 12/1975	L4	76.5mm x 80.0mm			
ZC 1471cc Inline4 SOHC 2v		05/1973 - 12/1975	L4	76.5mm x 80.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1636P STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has plain shells.</i>		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748 F780 1636 IH
5M1643A STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728 F810 1648A U
		1,2,4,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728 F810 1644A L
		1,2,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982 F810 1643A(F) UL
		3		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728 F810 1648A L
		4		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728 F810 1648A L
5M1643P STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728 F780 1648 U
		1,2,4,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728 F780 1644 L
		1,2,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982 F780 1643(F) UL
		3		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982 F780 1643(F) UL



37		Continued ...						37
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1643P STD, .25, .50, .75, 1.00	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
MAINS		<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>						
5M1645A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5,	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
	5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
53.978/2.1251			59.019/2.3236				L	
1,2,4,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				U	
3		53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1654(F)	
		53.978/2.1251	59.019/2.3236				UL	
AUX								
2BS7006 UNB		1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
	42.975/1.6919		46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
PISTON PIN BUSH								
RB4053 UNB		21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053	
		22.000/.8661	25.033/.9856					

38		Engine	Year	Cyl	Bore x Stroke	38	
		CR 1588cc Inline4 SOHC 2v Diesel	08/1980 - 02/1984	L4	76.5mm x 86.4mm		
		CS 1588cc Inline4 SOHC 2v Diesel	01/1981 - 07/1987	L4	76.5mm x 86.4mm		
		CY 1588cc Inline4 SOHC 2v Turbo Diesel	08/1981 - 03/1988	L4	76.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has one oil hole.</i>					
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
		47.778/1.8810	50.619/1.9929				IH
CONROD		<i>Has one oil hole.</i>					
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606
		47.778/1.8810	50.619/1.9929				IH
CONROD		<i>No Hole. To be superceded by 4B1606A.</i>					
4B5534A STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A
		47.778/1.8810	50.619/1.9929				IH
CONROD		<i>No Hole. To be superceded by 4B1606P.</i>					
4B5534P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534
		47.778/1.8810	50.619/1.9929				IH
MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U



38 Continued ...							38
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1654A STD, .25, .50, .75, 1.00	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
MAINS		<i>Full Groove Set. Overwidth flange on undersizes.</i>					
5M1675A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1675A(F) UL
THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
CAMS							
5C7008 STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4172 UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4172
PISTON PIN BUSH							
RB4172 UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4172
39 Engine				Year	Cyl	Bore x Stroke	39
113 1192cc Flat4 OHV 2v				01/1960 - 12/1972	H4	77.0mm x 64.0mm	
122/2 1192cc Flat4 OHV 2v				08/1972 - 07/1991	H4	77.0mm x 64.0mm	
AB 1285cc Flat4 OHV 2v				01/1970 - 06/1975	H4	77.0mm x 69.0mm	
AC 1285cc Flat4 OHV 2v				08/1970 - 07/1975	H4	77.0mm x 69.0mm	
AR 1285cc Flat4 OHV 2v				08/1973 - 07/1975	H4	77.0mm x 69.0mm	
D 1184cc Flat4 OHV 2v				08/1965 - 12/1985	H4	77.0mm x 63.6mm	
E 1285cc Flat4 OHV 2v				08/1965 - 07/1970	H4	77.0mm x 69.0mm	
F 1285cc Flat4 OHV 2v				08/1965 - 07/1970	H4	77.0mm x 69.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2451A STD, 010, 020, 030, 040, 060		54.971/2.1642 54.991/2.1650	57.800/2.2756 57.818/2.2763	1.397/.0550	17.60/.693	F810	2451A IH
PISTON PIN BUSH		<i>Set of 4.</i>					
4RB4007 UNB		21.994/.8659 22.000/.8661	23.993/.9446 24.005/.9451	1.120/.0441	23.24/.915	F100	4RB4007
PISTON PIN BUSH							
RB4007 UNB		21.994/.8659 22.000/.8661	23.993/.9446 24.005/.9451	1.120/.0441	23.24/.915	F100	RB4007
40 Engine				Year	Cyl	Bore x Stroke	40
JF 1716cc Inline4 SOHC 2v				01/1982 - 07/1984	L4	79.5mm x 86.4mm	
WT 1716cc Inline4 SOHC 2v				08/1981 - 07/1983	L4	79.5mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has plain shells.</i>					
4B1636A STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
CONROD		<i>Has plain shells.</i>					
4B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
MAINS		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L



40 Continued ...							40
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1643A STD, .25, .50, .75, 1.00	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
MAINS		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L
MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL
AUX							
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
PISTON PIN BUSH							
RB4053 UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

41 Engine		Year	Cyl	Bore x Stroke	41		
496 1588cc Inline4 SOHC 2v		01/1974 - 12/1983	L4	79.5mm x 80.0mm			
WV 1588cc Inline4 SOHC 2v		08/1981 - 07/1983	L4	79.5mm x 80.0mm			
YN 1588cc Inline4 SOHC 2v		09/1975 - 07/1981	L4	79.5mm x 80.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has plain shells.</i>					
4B1636A STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
	CONROD		<i>Has plain shells.</i>				
4B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
	MAINS		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>				
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L



41		Continued ...						41	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
MAINS									
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>									
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648		
		53.978/2.1251	59.019/2.3236				U		
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644		
		53.978/2.1251	59.019/2.3236				L		
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)		
		53.978/2.1251	59.019/2.3236				UL		
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648		
		53.978/2.1251	59.019/2.3236				L		
MAINS									
<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>									
5M1645A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A		
		53.978/2.1251	59.019/2.3236				U		
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A		
		53.978/2.1251	59.019/2.3236				L		
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F)		
		53.978/2.1251	59.019/2.3236				UL		
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A		
		53.978/2.1251	59.019/2.3236				L		
MAINS									
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>									
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A		
		53.978/2.1251	59.019/2.3236				L		
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A		
		53.978/2.1251	59.019/2.3236				U		
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F)		
		53.978/2.1251	59.019/2.3236				UL		
MAINS									
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>									
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648		
		53.978/2.1251	59.019/2.3236				U		
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644		
		53.978/2.1251	59.019/2.3236				L		
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1654(F)		
		53.978/2.1251	59.019/2.3236				UL		
AUX									
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006		
		42.975/1.6919	46.025/1.8120						
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007		
		41.975/1.6526	45.025/1.7726						
PISTON PIN BUSH									
RB4053 UNB		21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053		
		22.000/.8661	25.033/.9856						

42	Engine	Year	Cyl	Bore x Stroke	42		
	1X 1896cc Inline4 SOHC 2v Diesel	09/1990 - 12/1995	L4	79.5mm x 95.5mm			
	1Y 1896cc Inline4 SOHC 2v Diesel	05/1989 - 07/2006	L4	79.5mm x 95.5mm			
	AEF 1896cc Inline4 SOHC 2v Diesel	10/1994 - 07/2001	L4	79.5mm x 95.5mm			
	AHB 1716 Inline4 SOHC 2v Diesel	07/1996 - 09/2000	L4	79.5mm x 86.4mm			
	AHG 1716cc Inline4 SOHC 2v Diesel	04/1997 - 12/1999	L4	79.5mm x 86.4mm			
	AKU 1716cc Inline4 SOHC 2v Diesel	08/1997 - 07/2005	L4	79.5mm x 86.4mm			
	AKW 1716cc Inline4 SOHC 2v Diesel	11/1997 - 08/1999	L4	79.5mm x 86.4mm			
	ANC 1896cc Inline4 SOHC 2v Diesel	02/2003 - On	L4	79.5mm x 95.5mm			
	AQM 1896cc Inline4 SOHC 2v Diesel	11/1998 - 05/2006	L4	79.5mm x 95.5mm			
	ASY 1896cc Inline4 SOHC 2v Diesel	11/2001 - On	L4	79.5mm x 95.5mm			
	AYQ 1896cc Inline4 SOHC 2v Diesel	09/2000 - 06/2003	L4	79.5mm x 95.5mm			
	BGL 1896cc Inline4 SOHC 2v Diesel	02/2003 - On	L4	79.5mm x 95.5mm			
	BGM 1896cc Inline4 SOHC 2v Diesel	02/2003 - On	L4	79.5mm x 95.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Has one oil hole.</i>					
4B1606A		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
STD, .25, .50, .75, 1.00, 1.50		47.778/1.8810	50.619/1.9929				IH
	CONROD	<i>Has one oil hole.</i>					
4B1606P		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606
STD, .25, .50, .75, 1.00		47.778/1.8810	50.619/1.9929				IH
	CONROD	<i>No Hole. To be superceded by 4B1606A.</i>					
4B5534A		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A
STD, .25, .50, .75, 1.00		47.778/1.8810	50.619/1.9929				IH
	CONROD	<i>No Hole. To be superceded by 4B1606P.</i>					
4B5534P		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534
STD, .25, .50, .75, 1.00		47.778/1.8810	50.619/1.9929				IH
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653A	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
STD, .25, .50, .75, 1.00		53.978/2.1251	59.019/2.3236				L
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653P	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
STD, .25, .50, .75, 1.00		53.978/2.1251	59.019/2.3236				L
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U
	THRUST						
2T1644		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
STD		59.700/2.3504	73.200/2.8819				UL
	PISTON PIN BUSH	<i>Set of 4.</i>					
4RB4167			27.000/1.0630		25.00/.984	F100	4RB4167
UNB			27.021/1.0638				
	PISTON PIN BUSH						
RB4167			27.000/1.0630		25.00/.984	F100	RB4167
UNB			27.021/1.0638				



43	Engine		Year	Cyl	Bore x Stroke	43	
	1Z 1896cc Inline4 SOHC 2v Turbo Diesel		07/1993 - 06/1997	L4	79.5mm x 95.5mm		
	AAZ 1896cc Inline4 SOHC 2v Turbo Diesel		03/1991 - 08/1997	L4	79.5mm x 95.5mm		
	ABL 1896cc Inline4 SOHC 2v Turbo Diesel		01/1991 - 12/1998	L4	79.5mm x 95.5mm		
	AGR 1896cc Inline4 SOHC 2v Turbo Diesel		10/1997 - 05/2006	L4	79.5mm x 95.5mm		
	AHH 1896cc Inline4 SOHC 2v Turbo Diesel		05/1998 - 08/2000	L4	79.5mm x 95.5mm		
	AHU 1896cc Inline4 SOHC 2v Turbo Diesel		07/1996 - On	L4	79.5mm x 95.5mm		
	ALE 1896cc Inline4 SOHC 2v Turbo Diesel		05/1996 - 12/2001	L4	79.5mm x 95.5mm		
	ALH 1896cc Inline4 SOHC 2v Turbo Diesel		10/1997 - On	L4	79.5mm x 95.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1075A STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F810	1075A
		47.778/1.8810	50.619/1.9929				IH
CONROD							
4B1075P STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	1075
		47.778/1.8810	50.619/1.9929				IH
MAINS							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
	1,2,3,5	53.978/2.1251	59.019/2.3236				U
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
	4	53.978/2.1251	59.019/2.3236				L
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236			L	
RACE SERIES							
5M1644H STD, .25, .50	1,2,3,4,5	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
	1,2,3,5	53.978/2.1251	59.019/2.3236				U
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H
	4	53.978/2.1251	59.019/2.3236				L
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236			L	
RACE SERIES							
5M1644HX STD	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>					
		53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
	1,2,3,5	53.978/2.1251	59.019/2.3236				U
		53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX
	4	53.978/2.1251	59.019/2.3236				L
		53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236			L	
MAINS							
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
	1,2,3,4,5	53.978/2.1251	59.019/2.3236				L
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
MAINS							
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
	1,2,3,4,5	53.978/2.1251	59.019/2.3236				U
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
AUX							
2B57006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
PISTON PIN BUSH							
4RB4168		<i>Set of 4.</i>					
			29.000/1.1417		25.00/.984	F100	4RB4168
			29.052/1.1438				
PISTON PIN BUSH							
RB4168 UNB							
			29.000/1.1417		25.00/.984	F100	RB4168
			29.052/1.1438				

44	Engine	Year	Cyl	Bore x Stroke	44
	ADE 1896cc Inline4 SOHC 2v Turbo Diesel	04/1994 - 01/2002	L4	79.5mm x 95.5mm	
	AEY 1896cc Inline4 SOHC 2v Diesel	07/1995 - 09/2000	L4	79.5mm x 95.5mm	
	AFD 1896cc Inline4 SOHC 2v Turbo Diesel	04/1994 - 01/2002	L4	79.5mm x 95.5mm	
	AGD 1896cc Inline4 SOHC 2v Diesel	07/1996 - 09/2001	L4	79.5mm x 95.5mm	
	ARD 1896cc Inline4 SOHC 2v Diesel	01/2002 - On	L4	79.5mm x 95.5mm	
	ASX 1896cc Inline4 SOHC 2v Diesel	10/1999 - 09/2001	L4	79.5mm x 95.5mm	
	AVM 1896cc Inline4 SOHC 2v Turbo Diesel	11/2000 - On	L4	79.5mm x 95.5mm	
	BEQ 1896cc Inline4 SOHC 2v Diesel	02/2002 - On	L4	79.5mm x 95.5mm	
	BEU 1896cc Inline4 SOHC 2v Turbo Diesel	11/2002 - On	L4	79.5mm x 95.5mm	
	BJC 1896cc Inline4 SOHC 2v Turbo Diesel	11/2003 - On	L4	79.5mm x 95.5mm	
	BXT 1896cc Inline4 SOHC 2v Turbo Diesel	05/2006 - On	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B1075A STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F810	1075A IH	
		47.778/1.8810	50.619/1.9929					
4B1075P STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	1075 IH	
		47.778/1.8810	50.619/1.9929					
MAINS <i>Half Groove Set. Requires thrustwashers.</i>								
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					
	MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
	5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
53.978/2.1251			59.019/2.3236					
1,2,3,4,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
		53.978/2.1251	59.019/2.3236					
THRUST								
2T1644 STD			59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
	59.700/2.3504		73.200/2.8819					
PISTON PIN BUSH <i>Set of 4.</i>								
4RB4168		29.000/1.1417			25.00/.984	F100	4RB4168	
		29.052/1.1438						
PISTON PIN BUSH								
RB4168 UNB		29.000/1.1417			25.00/.984	F100	RB4168	
		29.052/1.1438						

45	Engine	Year	Cyl	Bore x Stroke	45
	ADG 1896cc Inline4 SOHC 2v Diesel	04/1994 - On	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>No Hole. To be superceded by 4B1606A.</i>							
4B5534A STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>No Hole. To be superceded by 4B1606P.</i>							
4B5534P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534 IH
		47.778/1.8810	50.619/1.9929				
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				



45 Continued ...							45
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1653P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
		53.958/2.1243	59.000/2.3228				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
5C7008 STD	CAMS 1,2,3,4,5	25.939/1.0212	28.250/1.1122	1.138/.0448	17.00/.669	F820	7008
		25.960/1.0220	28.271/1.1130				
4RB4167 UNB	PISTON PIN BUSH	<i>Set of 4.</i>					
			27.000/1.0630		25.00/.984	F100	4RB4167
RB4167 UNB	PISTON PIN BUSH		27.021/1.0638				
			27.000/1.0630		25.00/.984	F100	RB4167
			27.021/1.0638				

46 Engine				Year	Cyl	Bore x Stroke	46
AFN 1896cc Inline4 SOHC 2v Turbo Diesel				02/1996 - 08/1999	L4	79.5mm x 95.5mm	
AVG 1896cc Inline4 SOHC 2v Turbo Diesel				08/1999 - 10/2000	L4	79.5mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 4B1609H STD, .025, .25	CONROD	<i>Has one oil hole and no notch.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES 4B1609HX STD	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L
		47.778/1.8810	50.619/1.9929				
4B5536D STD, .25	CONROD	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F781	5536D U
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 L
		47.778/1.8810	50.612/1.9926				
4B5536P STD, .25	CONROD	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 IH
		47.778/1.8810	50.612/1.9926				
5M1653A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
5M1653P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
4RB4168	PISTON PIN BUSH	<i>Set of 4.</i>					
			29.000/1.1417		25.00/.984	F100	4RB4168
			29.052/1.1438				

46 Continued ... 46

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4168 UNB			29.000/1.1417 29.052/1.1438		25.00/.984	F100	RB4168

47 Engine 47

Engine	Year	Cyl	Bore x Stroke
ASV 1896cc Inline4 SOHC 2v Turbo Diesel	10/1999 - 05/2006	L4	79.5mm x 95.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD								
4B5536D STD, .25		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F781	5536D	
		47.778/1.8810	50.612/1.9926					U
		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536	L
		47.778/1.8810	50.612/1.9926					

CONROD							
4B5536P STD, .25		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536
		47.778/1.8810	50.612/1.9926				

MAINS								
<i>Half Groove Set. Requires thrustwashers.</i>								
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236					L
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	U
		53.978/2.1251	59.019/2.3236					

MAINS								
<i>Half Groove Set. Requires thrustwashers.</i>								
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236					L
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	U
		53.978/2.1251	59.019/2.3236					

THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				

PISTON PIN BUSH							
<i>Set of 4.</i>							
4RB4168			29.000/1.1417		25.00/.984	F100	4RB4168
			29.052/1.1438				

PISTON PIN BUSH							
RB4168 UNB			29.000/1.1417		25.00/.984	F100	RB4168
			29.052/1.1438				

48 Engine 48

Engine	Year	Cyl	Bore x Stroke
AGP 1896cc Inline4 SOHC 2v Turbo Diesel	10/1997 - 09/2001	L4	79.5mm x 95.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B1075A STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F810	1075A
		47.778/1.8810	50.619/1.9929				

CONROD							
4B1075P STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	1075
		47.778/1.8810	50.619/1.9929				

CONROD							
<i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
		47.778/1.8810	50.619/1.9929				

CONROD							
<i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606
		47.778/1.8810	50.619/1.9929				

CONROD							
<i>No Hole. To be superceded by 4B1606A.</i>							
4B5534A STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A
		47.778/1.8810	50.619/1.9929				

CONROD							
<i>No Hole. To be superceded by 4B1606P.</i>							
4B5534P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534
		47.778/1.8810	50.619/1.9929				



48 Continued ...							48
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1653A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		53.958/2.1243	59.000/2.3228				
		53.978/2.1251	59.019/2.3236				
5M1653P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
		53.958/2.1243	59.000/2.3228				
		53.978/2.1251	59.019/2.3236				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
4RB4167 UNB	PISTON PIN BUSH	<i>Set of 4.</i>					
			27.000/1.0630		25.00/.984	F100	4RB4167
			27.021/1.0638				
4RB4168	PISTON PIN BUSH	<i>Set of 4.</i>					
			29.000/1.1417		25.00/.984	F100	4RB4168
			29.052/1.1438				
RB4167 UNB	PISTON PIN BUSH		27.000/1.0630		25.00/.984	F100	RB4167
			27.021/1.0638				
RB4168 UNB	PISTON PIN BUSH		29.000/1.1417		25.00/.984	F100	RB4168
			29.052/1.1438				

49 Engine		Year	Cyl	Bore x Stroke	49			
AHF 1896cc Inline4 SOHC 2v Turbo Diesel		10/1997 - 05/2005	L4	79.5mm x 95.5mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B5536D STD, .25	CONROD	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 L	
		47.778/1.8810	50.612/1.9926					
		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F781	5536D U	
		47.778/1.8810	50.612/1.9926					
4B5536P STD, .25	CONROD	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 IH	
		47.778/1.8810	50.612/1.9926					
5M1653A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>						
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
		53.958/2.1243	59.000/2.3228					
		53.978/2.1251	59.019/2.3236					
5M1653P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>						
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
		53.958/2.1243	59.000/2.3228					
		53.978/2.1251	59.019/2.3236					
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
2B57006 UNB	AUX	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120				
		2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
			41.975/1.6526	45.025/1.7726				

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50	Engine	Year	Cyl	Bore x Stroke	50
	AJM 1896cc Inline4 SOHC 2v Turbo Diesel	11/1998 - 07/2001	L4	79.5mm x 95.5mm	
	ATD 1896cc Inline4 SOHC 2v Turbo Diesel	02/2000 - On	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B5537D STD, .25, .50		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
CONROD							
4B5537P STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
		53.978/2.1251	59.019/2.3236				
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
CAMS							
5C7004 STD	1,2,3,4,5	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
AUX							
2B57006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4167 UNB			27.000/1.0630		25.00/.984	F100	4RB4167
			27.021/1.0638				
PISTON PIN BUSH							
RB4167 UNB			27.000/1.0630		25.00/.984	F100	RB4167
			27.021/1.0638				

51	Engine	Year	Cyl	Bore x Stroke	51
	ATJ 1896cc Inline4 SOHC 2v Turbo Diesel	01/2000 - 08/2000	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B5537D STD, .25, .50		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
CONROD							
4B5537P STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				



51 Continued ...								51
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
		53.978/2.1251	59.019/2.3236					
THRUST								
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
52 Engine				Year	Cyl	Bore x Stroke	52	
AUY 1896cc Inline4 SOHC 2v Turbo Diesel				01/2000 - On	L4	79.5mm x 95.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B5537D STD, .25, .50		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L	
		47.778/1.8810	50.612/1.9926					
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U	
		47.778/1.8810	50.612/1.9926					
CONROD								
4B5537P STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH	
		47.778/1.8810						
MAINS								
<i>Half Groove Set. Requires thrustwashers.</i>								
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
MAINS								
<i>Half Groove Set. Requires thrustwashers.</i>								
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
THRUST								
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
AUX								
2B57006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
		2	41.959/1.6519	45.000/1.7717				
41.975/1.6526	45.025/1.7726							
53 Engine				Year	Cyl	Bore x Stroke	53	
BVK 1896cc Inline4 SOHC 2v Turbo Diesel				11/2005 - On	L4	79.5mm x 95.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B5538D STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L	
		50.878/2.0031	53.712/2.1146					
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D U	
		50.878/2.0031	53.712/2.1146					
CONROD								
4B5538P STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH	
		50.878/2.0031	53.712/2.1146					
MAINS								
<i>Half Groove Set. Requires thrustwashers.</i>								
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
MAINS								
<i>Half Groove Set. Requires thrustwashers.</i>								
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	

53 Continued ... 53

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL

54 Engine 54

Engine	Year	Cyl	Bore x Stroke
ANU 1896cc Inline4 SOHC 2v Turbo Diesel	03/1999 - 05/2005	L4	79.5mm x 95.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B5536D STD, .25	CONROD	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536
		47.778/1.8810	50.612/1.9926				L
		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F781	5536D
		47.778/1.8810	50.612/1.9926				U

4B5536P STD, .25	CONROD	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536
		47.778/1.8810	50.612/1.9926				IH

5M1653A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U

5M1653P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U

2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL

5C7004 STD	CAMS 1,2,3,4,5	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				

2BS7006 UNB	AUX	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120				
		2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
			41.975/1.6526	45.025/1.7726				

4RB4168	PISTON PIN BUSH	<i>Set of 4.</i>			25.00/.984	F100	4RB4168
			29.000/1.1417				
			29.052/1.1438				

RB4168 UNB	PISTON PIN BUSH		29.000/1.1417		25.00/.984	F100	RB4168
			29.052/1.1438				

55 Engine 55

Engine	Year	Cyl	Bore x Stroke
BRU 1896cc Inline4 SOHC 2v Turbo Diesel	05/2004 - 02/2006	L4	79.5mm x 95.5mm
BSU 1896cc Inline4 SOHC 2v Turbo Diesel	09/2005 - On	L4	79.5mm x 95.5mm
BSW 1896cc Inline4 SOHC 2v Turbo Diesel	07/2003 - On	L4	79.5mm x 95.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B5537D STD, .25, .50	CONROD	47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D
		47.778/1.8810	50.612/1.9926				U
		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537
		47.778/1.8810	50.612/1.9926				L

4B5537P STD, .25, .50	CONROD	50.600/1.9921		1.403/.0552	20.00/.787	F780	5537
		47.778/1.8810					IH



55 Continued ...							55
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1653A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		53.958/2.1243	59.000/2.3228				
5M1653P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
		53.958/2.1243	59.000/2.3228				
5M5540A STD, .25, .50	MAINS 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				
5M5540P STD, .25, .50	MAINS 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

56 Engine				Year	Cyl	Bore x Stroke	56
AVB 1896cc Inline4 SOHC 2v Turbo Diesel				02/2000 - 05/2005	L4	79.5mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5537D STD, .25, .50	CONROD	47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
4B5537P STD, .25, .50	CONROD	50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					
5M1653A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		53.958/2.1243	59.000/2.3228				
5M1653P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
		53.958/2.1243	59.000/2.3228				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
4RB4168	PISTON PIN BUSH	<i>Set of 4.</i>					
			29.000/1.1417		25.00/.984	F100	4RB4168
RB4168 UNB	PISTON PIN BUSH		29.052/1.1438				
			29.000/1.1417		25.00/.984	F100	RB4168
			29.052/1.1438				

57 Engine		Year		Cyl	Bore x Stroke	57		
AVF 1896cc Inline4 SOHC 2v Turbo Diesel		10/2000 - 05/2005		L4	79.5mm x 95.5mm			
AWX 1896cc Inline4 SOHC 2v Turbo Diesel		10/2000 - 05/2005		L4	79.5mm x 95.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B5538D STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L	
		50.878/2.0031	53.712/2.1146					
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D U	
		50.878/2.0031	53.712/2.1146					
CONROD								
4B5538P STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH	
		50.878/2.0031	53.712/2.1146					
MAINS								
5M5540A STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL	
		53.978/2.1251	59.012/2.3233					
MAINS								
5M5540P STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL	
		53.978/2.1251	59.012/2.3233					
THRUST								
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
PISTON PIN BUSH <i>Set of 4.</i>								
4RB4168			29.000/1.1417		25.00/.984	F100	4RB4168	
			29.052/1.1438					
PISTON PIN BUSH								
RB4168 UNB			29.000/1.1417		25.00/.984	F100	RB4168	
			29.052/1.1438					

58 Engine		Year		Cyl	Bore x Stroke	58		
KY 1716cc Inline4 SOHC 2v Diesel		08/1984 - 07/1992		L4	79.5mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>Has one oil hole.</i>								
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH	
		47.778/1.8810	50.619/1.9929					
CONROD <i>Has one oil hole.</i>								
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH	
		47.778/1.8810	50.619/1.9929					
CONROD <i>No Hole. To be superceded by 4B1606A.</i>								
4B5534A STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A IH	
		47.778/1.8810	50.619/1.9929					
CONROD <i>No Hole. To be superceded by 4B1606P.</i>								
4B5534P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534 IH	
		47.778/1.8810	50.619/1.9929					
MAINS <i>Half Groove Set. Requires thrustwashers.</i>								
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					
	MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
	5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
53.978/2.1251			59.019/2.3236					
1,2,3,4,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
		53.978/2.1251	59.019/2.3236					
MAINS <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>								
5M1654A STD, .25, .50, .75, 1.00		1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	53.978/2.1251		59.019/2.3236					
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					



58 Continued ...							58
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1654A STD, .25, .50, .75, 1.00	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F) UL
		53.978/2.1251	59.019/2.3236				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
4RB4172 UNB	PISTON PIN BUSH	Set of 4.		27.000/1.0630 27.021/1.0638	25.00/.984	F100	4RB4172
RB4172 UNB	PISTON PIN BUSH			27.000/1.0630 27.021/1.0638	25.00/.984	F100	RB4172

59 Engine				Year	Cyl	Bore x Stroke	59	
WE 2144cc Inline5 SOHC 2v				06/1977 - 07/1984	L5	79.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5B1636A STD, .25, .50, .75, 1.00	CONROD	Has plain shells.		1.506/.0593	19.00/.748	F810	1636A IH	
		45.950/1.8091	49.000/1.9291					
		45.970/1.8098	49.016/1.9298					
5B1636P STD, .25, .50, .75, 1.00, 1.50	CONROD	Has plain shells.		1.506/.0593	19.00/.748	F780	1636 IH	
		45.950/1.8091	49.000/1.9291					
		45.970/1.8098	49.016/1.9298					
6M1605P STD, .25, .50, .75	MAINS	Set contains flanged thrust bearing.		2.502/.0985	18.50/.728	F780	1604 UL	
		1,2,4,5,6	57.958/2.2818					63.000/2.4803
			57.978/2.2826	63.019/2.4811	2.500/.0984	24.93/.981	F780	1605(F) UL
	3	57.958/2.2818	63.000/2.4803					
		57.978/2.2826	63.019/2.4811					
RB4053 UNB	PISTON PIN BUSH	21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053	
		22.000/.8661	25.033/.9856					

60 Engine				Year	Cyl	Bore x Stroke	60
WN 1921cc Inline5 SOHC 2v				01/1981 - 12/1984	L5	79.5mm x 77.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B1636A STD, .25, .50, .75, 1.00	CONROD	Has plain shells.		1.506/.0593	19.00/.748	F810	1636A IH
		45.950/1.8091	49.000/1.9291				
		45.970/1.8098	49.016/1.9298				
5B1636P STD, .25, .50, .75, 1.00, 1.50	CONROD	Has plain shells.		1.506/.0593	19.00/.748	F780	1636 IH
		45.950/1.8091	49.000/1.9291				
		45.970/1.8098	49.016/1.9298				
6M1604P STD, .25, .50, .75, 1.00	MAINS	Requires thrustwashers.		2.502/.0985	18.50/.728	F780	1604 UL
		1,2,3,4,5,6	57.958/2.2818				
		57.978/2.2826	63.019/2.4811				
2T1604 STD	THRUST	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
2T1614 STD	THRUST	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
RB4053 UNB	PISTON PIN BUSH	21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053
		22.000/.8661	25.033/.9856				

61	Engine	Year	Cyl	Bore x Stroke	61
	AAB 2370cc Inline5 SOHC 2v Diesel	09/1990 - 12/2000	L5	79.5mm x 95.5mm	
	AJA 2370cc Inline5 SOHC 2v Diesel	04/1997 - 06/2003	L5	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Has one oil hole.</i>					
5B1606A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
	CONROD	<i>Has one oil hole.</i>					
5B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	CONROD	<i>No hole. To be superceded by 5B1606A</i>					
5B5534A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
	CONROD	<i>No hole. To be superceded by 5B1606P.</i>					
5B5534P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH
	MAINS	<i>Requires thrustwashers.</i>					
6M1604A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	MAINS	<i>Requires thrustwashers.</i>					
6M1604P STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
	THRUST						
2T1604 STD		63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
	THRUST						
2T1614 STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL
	PISTON PIN BUSH	<i>Set of 5.</i>					
5RB4167 UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	5RB4167
	PISTON PIN BUSH						
RB4167 UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4167

62	Engine	Year	Cyl	Bore x Stroke	62
	1F 1595cc Inline4 SOHC 2v	08/1988 - 09/1997	L4	81.0mm x 77.4mm	
	9A 1984cc Inline4 DOHC 4v	04/1988 - 07/1995	L4	82.5mm x 92.8mm	
	ABN 1595cc Inline4 SOHC 2v	08/1991 - On	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Has one oil hole.</i>					
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
	CONROD	<i>Has one oil hole.</i>					
RACE SERIES 4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
RACE SERIES 4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
	CONROD	<i>Has one oil hole.</i>					
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	MAINS	<i>Full groove on #4 position only. Requires thrustwashers.</i>					
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L



62 Continued ...							62
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1644A STD, .25, .50, .75, 1.00	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
AUX							
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
PISTON PIN BUSH		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
PISTON PIN BUSH		<i>Has 3mm oil hole and full groove.</i>					
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

63 Engine		Year	Cyl	Bore x Stroke	63		
ABS 1781cc Inline4 SOHC 2v		08/1991 - 07/1995	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has one oil hole.</i>					
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES		<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
CONROD		<i>Has one oil hole.</i>					
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
RACE SERIES		<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES		<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
CONROD		<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L



63 Continued ... 63

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				
RACE SERIES MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H L
		53.978/2.1251	59.019/2.3236				
RACE SERIES MAINS <i>0.001" extra oil clearance on STD journal.</i>							
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L
		53.978/2.1251	59.019/2.3236				
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
AUX							
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
PISTON PIN BUSH <i>Set of 4. Has 3mm oil hole and full groove.</i>							
4RB4171 UNB			23.000/.9055		25.00/.984	F100	4RB4171
			23.021/.9063				
PISTON PIN BUSH <i>Has 3mm oil hole and full groove.</i>							
RB4171 UNB			23.000/.9055		25.00/.984	F100	RB4171
			23.021/.9063				

64 Engine	Year	Cyl	Bore x Stroke	64
1P 1781cc Inline4 SOHC 2v	08/1988 - 07/1991	L4	81.0mm x 86.4mm	
PF 1781cc Inline4 SOHC 2v	01/1987 - 10/1991	L4	81.0mm x 86.4mm	
RF 1595cc Inline4 SOHC 2v	08/1986 - 10/1991	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES CONROD <i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				



64 Continued ...							64
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1644A STD, .25, .50, .75, 1.00	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
AUX							
2B57006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
4RB4170 UNB	PISTON PIN BUSH		Set of 4. Has 6.5mm oil hole and part groove. 23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
4RB4171 UNB	PISTON PIN BUSH		Set of 4. Has 3mm oil hole and full groove. 23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
RB4170 UNB	PISTON PIN BUSH		Has 6.5mm oil hole and part groove. 23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170
RB4171 UNB	PISTON PIN BUSH		Has 3mm oil hole and full groove. 23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

65 Engine				Year	Cyl	Bore x Stroke	65
PB 1781cc Inline4 SOHC 2v				01/1987 - On	L4	81.0mm x 86.4mm	
RV 1781cc Inline4 SOHC 2v				08/1987 - On	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has one oil hole.</i>					
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES		<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
CONROD		<i>Has one oil hole.</i>					
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
MAINS		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U



65 Continued ...							65
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1644A STD, .25, .50, .75, 1.00	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
	RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>				
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	THRUST						
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	CAMS						
5C7008 STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008
	AUX						
2B57006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
4RB4170 UNB	PISTON PIN BUSH	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
RB4170 UNB	PISTON PIN BUSH	<i>Has 6.5mm oil hole and part groove.</i>					
			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>					
			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

66 Engine				Year	Cyl	Bore x Stroke	66
AAC 1998cc Inline4 SOHC 2v				09/1990 - 06/2003	L4	81.0mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH



66		Continued ...						66
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES	CONROD	<i>Has one oil hole.</i>						
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
RACE SERIES	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
5M1644A STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
RACE SERIES	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
4RB4167 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		27.000/1.0630 27.021/1.0638	25.00/.984	F100	4RB4167	
RB4167 UNB	PISTON PIN BUSH			27.000/1.0630 27.021/1.0638	25.00/.984	F100	RB4167	

67		Engine	Year	Cyl	Bore x Stroke	67	
		AAM 1781cc Inline4 SOHC 2v	08/1990 - 10/2000	L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES	CONROD	<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH



67		Continued ...						67
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES	CONROD	<i>Has one oil hole and no notch.</i>						
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH	
RACE SERIES	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>						
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH	
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U	
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L	
5M1644A STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
RACE SERIES	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
5M1668A STD, .25, .50, .75	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L	
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
4RB4170 UNB	PISTON PIN BUSH	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>						
			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170	
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>						
			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171	
RB4170 UNB	PISTON PIN BUSH	<i>Has 6.5mm oil hole and part groove.</i>						
			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170	
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>						
			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171	



68 Engine		Year		Cyl	Bore x Stroke		68
ANN 1781cc Inline4 SOHC 2v		12/1997 - 10/2000		L4	81.0mm x 86.4mm		
ANP 1781cc Inline4 SOHC 2v		12/1997 - 10/2000		L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
		47.778/1.8810	50.619/1.9929				IH
RACE SERIES CONROD <i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H
		47.778/1.8810	50.619/1.9929				IH
RACE SERIES CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX
		47.778/1.8810	50.619/1.9929				IH
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606
		47.778/1.8810	50.619/1.9929				IH
RACE SERIES CONROD <i>Has one oil hole and no notch.</i>							
4B1609H STD, .025, .25		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H
		47.778/1.8810	50.619/1.9929				IH
RACE SERIES CONROD <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
4B1609HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX
		47.778/1.8810	50.619/1.9929				IH
CONROD <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609
		47.778/1.8810	50.619/1.9929				U
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A
		47.778/1.8810	50.619/1.9929				L
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
	53.978/2.1251	59.019/2.3236				L	
RACE SERIES MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H
		53.978/2.1251	59.019/2.3236				L
4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
	53.978/2.1251	59.019/2.3236				L	
RACE SERIES MAINS <i>0.001" extra oil clearance on STD journal.</i>							
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX
		53.978/2.1251	59.019/2.3236				L
4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
	53.978/2.1251	59.019/2.3236				L	
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A
		53.978/2.1251	59.019/2.3236				L
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A
		53.978/2.1251	59.019/2.3236				U
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
PISTON PIN BUSH <i>Set of 4. Has 3mm oil hole and full groove.</i>							
4RB4171 UNB			23.000/.9055		25.00/.984	F100	4RB4171
			23.021/.9063				

68 Continued ... 68

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Has 3mm oil hole and full groove.</i>							
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

69 Engine	Year	Cyl	Bore x Stroke	69
ACC 1781cc Inline4 SOHC 2v	11/1991 - 06/1999	L4	81.0mm x 86.4mm	
ADD 1781cc Inline4 SOHC 2v	08/1985 - 09/2005	L4	81.0mm x 86.4mm	
ADF 1781cc Inline4 SOHC 2v	04/1994 - On	L4	81.0mm x 86.4mm	
ADP 1595cc Inline4 SOHC 2v	01/1997 - 10/1997	L4	81.0mm x 77.4mm	
AEK 1595cc Inline4 SOHC 2v	10/1994 - 12/1995	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES CONROD <i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH

MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>								
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	RACE SERIES MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
	5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
RACE SERIES MAINS <i>0.001" extra oil clearance on STD journal.</i>								
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	

THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
PISTON PIN BUSH <i>Set of 4. Has 3mm oil hole and full groove.</i>							
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
PISTON PIN BUSH <i>Has 3mm oil hole and full groove.</i>							
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171



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70 Engine		Year		Cyl	Bore x Stroke		70
AJH 1781cc Inline4 DOHC 5v Turbo		11/1997 - 02/2000		L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
		47.778/1.8810	50.619/1.9929				IH
RACE SERIES CONROD <i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H
		47.778/1.8810	50.619/1.9929				IH
RACE SERIES CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX
		47.778/1.8810	50.619/1.9929				IH
CONROD							
4B5539D STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539
		47.778/1.8810	50.612/1.9926				L
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F781	5539D
		47.778/1.8810	50.612/1.9926				U
CONROD							
4B5539P STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539
		47.778/1.8810	50.612/1.9926				IH
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
RACE SERIES MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H
		53.978/2.1251	59.019/2.3236				L
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236				L
RACE SERIES MAINS <i>0.001" extra oil clearance on STD journal.</i>							
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX
		53.978/2.1251	59.019/2.3236				L
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236				L
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
PISTON PIN BUSH <i>Set of 4. Has 3mm oil hole and full groove.</i>							
4RB4171 UNB			23.000/.9055		25.00/.984	F100	4RB4171
			23.021/.9063				
PISTON PIN BUSH <i>Has 3mm oil hole and full groove.</i>							
RB4171 UNB			23.000/.9055		25.00/.984	F100	RB4171
			23.021/.9063				

71 Engine		Year		Cyl	Bore x Stroke		71
ADR 1781cc Inline4 DOHC 5v		12/1996 - 01/1999		L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
		47.778/1.8810	50.619/1.9929				IH

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71		Continued ...						71
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES	CONROD	<i>Has one oil hole.</i>						
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
RACE SERIES	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
5M1644A STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
RACE SERIES	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
5M1653A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
5M1653P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>						
			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171	
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>						
			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171	

72		Engine	Year	Cyl	Bore x Stroke	72	
		AEB 1781cc Inline4 DOHC 5v Turbo	10/1996 - 02/2001	L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5539D STD, .25, .50	CONROD	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 L
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F781	5539D U



72 Continued ...								72
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B5539P STD, .25, .50	CONROD	47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539	
		47.778/1.8810	50.612/1.9926				IH	
5M1644A STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
			53.978/2.1251	59.019/2.3236				U
		1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
			53.978/2.1251	59.019/2.3236				L
		4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236			L		
RACE SERIES 5M1644H STD, .25, .50	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
			53.978/2.1251	59.019/2.3236				U
		1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H
			53.978/2.1251	59.019/2.3236				L
		4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236			L		
RACE SERIES 5M1644HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
			53.978/2.1251	59.019/2.3236				U
		1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX
			53.978/2.1251	59.019/2.3236				L
		4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236			L		
5M1653A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
			53.978/2.1251	59.019/2.3236				L
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236			U		
5M1653P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
			53.978/2.1251	59.019/2.3236				L
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236			U		
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T	
		59.700/2.3504	73.200/2.8819				UL	
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>						
			23.000/.9055		25.00/.984	F100	4RB4171	
			23.021/.9063					
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>						
			23.000/.9055		25.00/.984	F100	RB4171	
			23.021/.9063					

73	Engine	Year	Cyl	Bore x Stroke	73
	AEG 1984cc Inline4 SOHC 2v	01/1998 - On	L4	82.5mm x 92.8mm	
	AEH 1595cc Inline4 SOHC 2v	01/1998 - 05/2005	L4	81.0mm x 77.4mm	
	AGN 1781cc Inline4 DOHC 5v	10/1997 - 10/2000	L4	81.0mm x 86.4mm	
	APF 1595cc Inline4 SOHC 2v	05/1999 - 10/2000	L4	81.0mm x 77.4mm	
	APK 1984cc Inline4 SOHC 2v	08/1998 - On	L4	82.5mm x 92.8mm	
	APT 1781cc Inline4 DOHC 5v	01/1999 - 04/2001	L4	81.0mm x 86.4mm	
	AQY 1984cc Inline4 SOHC 2v	08/1998 - On	L4	82.5mm x 92.8mm	
	ARG 1781cc Inline4 DOHC 5v	02/1999 - 04/2001	L4	81.0mm x 86.4mm	
	ASU 1984cc Inline4 SOHC 2v	01/2000 - 08/2000	L4	82.5mm x 92.8mm	
	AUR 1595cc Inline4 SOHC 2v	07/2000 - 09/2001	L4	81.0mm x 77.4mm	
	AUZ 1984cc Inline4 SOHC 2v	01/2000 - 08/2000	L4	82.5mm x 92.8mm	
	AVA 1984cc Inline4 SOHC 2v	01/2000 - 08/2000	L4	82.5mm x 92.8mm	
	AWC 1781cc Inline4 DOHC 5v Turbo	04/2000 - On	L4	81.0mm x 86.4mm	
	AWH 1595cc Inline4 SOHC 2v	11/1999 - 10/2000	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD	<i>Has one oil hole.</i>					
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES	CONROD	<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
	CONROD	<i>Has one oil hole.</i>					
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	THRUST						
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>					
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171



74 Engine		Year	Cyl	Bore x Stroke	74		
AFT 1595cc Inline4 SOHC 2v		07/1995 - 10/2000	L4	81.0mm x 77.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES CONROD <i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
RACE SERIES CONROD <i>Has one oil hole and no notch.</i>							
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES CONROD <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
CONROD <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810 47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929 50.600/1.9921 50.619/1.9929	1.405/.0553 1.405/.0553	19.00/.748 19.00/.748	F780 F810	1609 U 1609A L
MAINS <i>Full groove on #4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES MAINS <i>Full groove on #4 position only. Requires thrustwashers.</i>							
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES MAINS <i>0.001" extra oil clearance on STD journal.</i>							
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U



74 Continued ...							74
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
2BS7006 UNB	AUX						
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>					
			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

75 Engine				Year	Cyl	Bore x Stroke	75
AFY 1781cc Inline4 SOHC 2v				01/1997 - 04/2000	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES 4B1606HX STD	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
5M1644A STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES 5M1644H STD, .25, .50	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES 5M1644HX STD	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
5M1653A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L



75 Continued ...							75
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1653P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
5M1668A STD, .25, .50, .75	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
			23.000/.9055		25.00/.984	F100	4RB4171
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>					
			23.000/.9055		25.00/.984	F100	RB4171
			23.021/.9063				
			23.021/.9063				
76 Engine				Year	Cyl	Bore x Stroke	76
AKS 1595cc Inline4 SOHC 2v				04/1997 - 10/2000	L4	81.0mm x 77.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES 4B1606HX STD	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
RACE SERIES 4B1609H STD, .025, .25	CONROD	<i>Has one oil hole and no notch.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES 4B1609HX STD	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8810	50.619/1.9929				
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L
5M1644A STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
RACE SERIES 5M1644H STD, .25, .50	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U



76 Continued ...							76
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1644H STD, .25, .50	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	THRUST						
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>					
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

77 Engine				Year	Cyl	Bore x Stroke	77
AGU 1781cc Inline4 DOHC 5v Turbo				10/1997 - 05/2006	L4	81.0mm x 86.4mm	
APU 1781cc Inline4 DOHC 5v Turbo				01/1999 - 04/2001	L4	81.0mm x 86.4mm	
ARZ 1781cc Inline4 DOHC 5v Turbo				05/1999 - 04/2001	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
4B5539D STD, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 L
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F781	5539D U
	CONROD						
4B5539P STD, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 IH
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L



77 Continued ...							77
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
MAINS		<i>Half Groove Set. Requires thrustwashers.</i>					
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
PISTON PIN BUSH		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
PISTON PIN BUSH		<i>Has 3mm oil hole and full groove.</i>					
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

78 Engine	Year	Cyl	Bore x Stroke	78
AHL 1595cc Inline4 SOHC 2v	10/1996 - 08/2000	L4	81.0mm x 77.4mm	
ARM 1595cc Inline4 SOHC 2v	01/1999 - 08/2000	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has one oil hole.</i>					
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES		<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
CONROD		<i>Has one oil hole.</i>					
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
RACE SERIES		<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES		<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
CONROD		<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
CONROD							
4B5531A STD, .25, .50		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.507/.0593	19.00/.748	F810	5531A UL
CONROD							
4B5531P STD, .25, .50		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.507/.0593	19.00/.748	F780	5531 UL
MAINS		<i>Half Groove Set. Requires thrustwashers.</i>					
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U



78 Continued ...							78		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
5M5533A STD, .25, .50	MAINS 1,2,3,4,5	<i>Half groove in all positions.</i>		47.958/1.8881	53.000/2.0866	2.508/.0987	18.50/.728	F810	5533A UL
		47.978/1.8889	53.010/2.0870						
2T5533 STD	THRUST	53.500/2.1063	65.550/2.5807	53.750/2.1161	65.800/2.5905	2.48/.097	F817	5533T UL	
		59.500/2.3425	71.550/2.8169						
2T5535 STD	THRUST	59.750/2.3524	71.800/2.8268	59.500/2.3425	71.800/2.8268	2.48/.097	F817	5535T UL	
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055	23.021/.9063	25.00/.984	F100	4RB4171	
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055	23.021/.9063	25.00/.984	F100	RB4171	

79 Engine	Year	Cyl	Bore x Stroke	79
ANB 1781cc Inline4 DOHC 5v Turbo	01/1999 - 04/2001	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.			
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH	
		47.778/1.8810	50.619/1.9929							
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD	<i>Original bearings are marked with sputter - ACL Race Series are not sputter. Has one oil hole.</i>		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH	
		47.778/1.8810	50.619/1.9929							
RACE SERIES 4B1606HX STD	CONROD	<i>Original bearings are marked with sputter - ACL Race Series are not sputter. Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH	
		47.778/1.8810	50.619/1.9929							
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH	
		47.778/1.8810	50.619/1.9929							
4B5539D STD, .25, .50	CONROD	47.758/1.8802	50.600/1.9921	47.778/1.8810	50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 L	
		47.758/1.8802	50.600/1.9921							
		47.778/1.8810	50.612/1.9926	47.778/1.8810	50.612/1.9926	1.406/.0554	19.00/.748	F781	5539D U	
		47.758/1.8802	50.612/1.9926							
4B5539P STD, .25, .50	CONROD	47.758/1.8802	50.600/1.9921	47.778/1.8810	50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 IH	
		47.758/1.8802	50.600/1.9921							
5M1653A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236							
		53.958/2.1243	59.000/2.3228							
	5M1653P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
			53.978/2.1251	59.019/2.3236						
			53.958/2.1243	59.000/2.3228						
5M1668A STD, .25, .50, .75	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U	
		53.978/2.1251	59.019/2.3236							
		53.958/2.1243	59.000/2.3228							
	5M1668A STD, .25, .50, .75	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
			53.978/2.1251	59.019/2.3236						
			53.958/2.1243	59.000/2.3228						



79 Continued ...							79
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171

80 Engine		Year	Cyl	Bore x Stroke	80
APH 1781cc Inline4 DOHC 5v Turbo		01/1998 - 05/2001	L4	81.0mm x 86.4mm	
AVC 1781cc Inline4 DOHC 5v Turbo		07/1999 - 10/2000	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES 4B1606HX STD	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
4B5539D STD, .25, .50	CONROD	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 L		
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F781	5539D U		
4B5539P STD, .25, .50	CONROD	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 IH		
5M1653A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
5M1653P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL		
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171		
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171		

81	Engine	Year	Cyl	Bore x Stroke	81
	ARX 1781cc Inline4 DOHC 5v Turbo	09/2000 - 04/2001	L4	81.0mm x 86.4mm	
	AWP 1781cc Inline4 DOHC 5v Turbo	06/2001 - 06/2005	L4	81.0mm x 86.4mm	
	AZG 1984cc Inline4 SOHC 2v	08/2000 - On	L4	82.5mm x 92.8mm	
	AZH 1984cc Inline4 SOHC 2v	04/2000 - 06/2001	L4	82.5mm x 92.8mm	
	AZJ 1984cc Inline4 SOHC 2v	05/2001 - On	L4	82.5mm x 92.8mm	
	AZM 1984cc Inline4 SOHC 2v	10/2000 - 05/2005	L4	82.5mm x 92.8mm	
	BBU 1781cc Inline4 DOHC 5v Turbo	05/2006 - On	L4	81.0mm x 86.4mm	
	BBX 1984cc Inline4 SOHC 2v	04/2002 - On	L4	82.5mm x 92.8mm	
	BDC 1984cc Inline4 SOHC 2v	01/2003 - 06/2003	L4	82.5mm x 92.8mm	
	BEH 1984cc Inline4 SOHC 2v	05/2002 - 06/2006	L4	82.5mm x 92.8mm	
	BEJ 1984cc Inline4 SOHC 2v	06/2001 - On	L4	82.5mm x 92.8mm	
	BER 1984cc Inline4 SOHC 2v	01/2003 - On	L4	82.5mm x 92.8mm	
	BEV 1984cc Inline4 SOHC 2v	06/2003 - On	L4	82.5mm x 92.8mm	
	BGD 1984cc Inline4 SOHC 2v	07/2003 - On	L4	82.5mm x 92.8mm	
	BJX 1781cc Inline4 DOHC 5v Turbo	09/2005 - On	L4	81.0mm x 86.4mm	
	BKF 1781cc Inline4 DOHC 5v Turbo	07/2004 - On	L4	81.0mm x 86.4mm	
	BKV 1781cc Inline4 DOHC 5v Turbo	12/2003 - On	L4	81.0mm x 86.4mm	
	BLZ 1781cc Inline4 DOHC 5v Turbo	05/2004 - On	L4	81.0mm x 86.4mm	
	BSX 1984cc Inline4 DOHC 4v	02/2006 - On	L4	82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD	<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
5M1668A STD, .25, .50, .75	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL

82	Engine	Year	Cyl	Bore x Stroke	82
	AWU 1781cc Inline4 DOHC 5v Turbo	10/2000 - On	L4	81.0mm x 86.4mm	
	AWV 1781cc Inline4 DOHC 5v Turbo	06/2000 - On	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD	<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L



82 Continued ...							82
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1653A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
5M1653P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
5M1668A STD, .25, .50, .75	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

83 Engine				Year	Cyl	Bore x Stroke	83
AUM 1781cc Inline4 DOHC 5v Turbo				09/2000 - 05/2006	L4	81.0mm x 86.4mm	
AUQ 1781cc Inline4 DOHC 5v Turbo				06/2001 - 05/2005	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 4B1609H STD, .025, .25	CONROD	<i>Has one oil hole and no notch.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES 4B1609HX STD	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L
		47.778/1.8810	50.619/1.9929				
5M1668A STD, .25, .50, .75	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
			23.000/.9055		25.00/.984	F100	4RB4171
4RB4178 UNB	PISTON PIN BUSH	<i>Set of 4.</i>					
			21.000/.8268		25.00/.984	F100	4RB4178
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>					
			23.000/.9055		25.00/.984	F100	RB4171
RB4178 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>					
			23.021/.9063				
RB4178 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>					
			21.000/.8268		25.00/.984	F100	RB4178
			21.021/.8276				



84 Engine		Year	Cyl	Bore x Stroke	84		
AWM 1781cc Inline4 DOHC 5v Turbo		02/2001 - 05/2005	L4	81.0mm x 86.4mm			
AWT 1781cc Inline4 DOHC 5v Turbo		10/2000 - 05/2005	L4	81.0mm x 86.4mm			
CBSA 1984cc Inline4 SOHC 2v		08/2006 - On	L4	82.5mm x 92.8mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES		CONROD <i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H
		47.778/1.8810	50.619/1.9929				IH
RACE SERIES		CONROD <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX
		47.778/1.8810	50.619/1.9929				IH
4B1609P STD, .25, .50, .75, 1.00		CONROD <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A
		47.778/1.8810	50.619/1.9929				L
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609
		47.778/1.8810	50.619/1.9929				U
5M1668A STD, .25, .50, .75		MAINS <i>Half Groove Set. Requires thrustwashers.</i>					
1,2,3,4,5		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A
		53.978/2.1251	59.019/2.3236				U
1,2,3,4,5		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A
		53.978/2.1251	59.019/2.3236				L
2T1644 STD		THRUST					
		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
4RB4171 UNB		PISTON PIN BUSH <i>Set of 4. Has 3mm oil hole and full groove.</i>					
			23.000/.9055		25.00/.984	F100	4RB4171
			23.021/.9063				
RB4171 UNB		PISTON PIN BUSH <i>Has 3mm oil hole and full groove.</i>					
			23.000/.9055		25.00/.984	F100	RB4171
			23.021/.9063				

85 Engine		Year	Cyl	Bore x Stroke	85		
DS 1781cc Inline4 SOHC 2v		01/1983 - 07/1988	L4	81.0mm x 86.4mm			
JN 1781cc Inline4 SOHC 2v		08/1983 - 06/1993	L4	81.0mm x 86.4mm			
JV 1781cc Inline4 SOHC 2v		08/1983 - 03/1988	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1076A STD, .25, .50, .75, 1.00		CONROD <i>Has plain shells. Suits until 12/85.</i>					
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	1076A
		47.778/1.8810	50.619/1.9929				IH
4B1076P STD, .25, .50, .75, 1.00		CONROD <i>Has plain shells. Suits until 12/85.</i>					
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	1076
		47.778/1.8810	50.619/1.9929				IH
4B1606A STD, .25, .50, .75, 1.00, 1.50		CONROD <i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
		47.778/1.8810	50.619/1.9929				IH
RACE SERIES		CONROD <i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H
		47.778/1.8810	50.619/1.9929				IH
RACE SERIES		CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX
		47.778/1.8810	50.619/1.9929				IH
4B1606P STD, .25, .50, .75, 1.00		CONROD <i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606
		47.778/1.8810	50.619/1.9929				IH
5M1643A STD, .25, .50, .75, 1.00		MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
1,2,4,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U



85		Continued ...						85
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1643A STD, .25, .50, .75, 1.00	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	MAINS		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
	MAINS		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	MAINS		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
RACE SERIES 5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
	MAINS		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
RACE SERIES 5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
	MAINS		<i>0.001" extra oil clearance on STD journal.</i>					
	THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
	CAMS							
5C7008 STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008	
	AUX							
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
	PISTON PIN BUSH		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
	4RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
PISTON PIN BUSH		<i>Has 6.5mm oil hole and part groove.</i>						
RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170	

86 Engine		Year		Cyl	Bore x Stroke	86		
DZ 1781cc Inline4 SOHC 2v		12/1983 - 07/1984		L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>Has plain shells. Suits until 12/85.</i>								
4B1076A STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	1076A	
		47.778/1.8810	50.619/1.9929				IH	
CONROD <i>Has plain shells. Suits until 12/85.</i>								
4B1076P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	1076	
		47.778/1.8810	50.619/1.9929				IH	
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
	MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
	5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
53.978/2.1251			59.019/2.3236				U	
1,2,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236				L	
3		53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)	
		53.978/2.1251	59.019/2.3236				UL	
4		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>								
5M1644A STD, .25, .50, .75, 1.00		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
	53.978/2.1251		59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>								
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				L	
MAINS <i>0.001" extra oil clearance on STD journal.</i>								
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				L	
THRUST								
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T	
		59.700/2.3504	73.200/2.8819				UL	
AUX								
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
PISTON PIN BUSH <i>Set of 4. Has 6.5mm oil hole and part groove.</i>								
4RB4170 UNB			23.000/.9055		25.00/.984	F100	4RB4170	
			23.052/.9076					



86 Continued ... 86

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Has 6.5mm oil hole and part groove.</i>							
RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170

87 Engine Year Cyl Bore x Stroke 87

DT 1595cc Inline4 SOHC 2v	08/1983 - 03/1988	L4	81.0mm x 77.4mm
EZA 1595cc Inline4 SOHC 2v	08/1985 - 07/1987	L4	81.0mm x 77.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES <i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L
	MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	RACE SERIES <i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
	RACE SERIES <i>0.001" extra oil clearance on STD journal.</i>						
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U



87		Continued ...						87
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1644HX STD	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
MAINS		<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>						
5M1645A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5,	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1645A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL	
THRUST								
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
	CAMS							
5C7008 STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008	
	AUX							
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
PISTON PIN BUSH		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>						
4RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170	
	PISTON PIN BUSH		<i>Has 6.5mm oil hole and part groove.</i>					
RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170	

88		Engine	Year	Cyl	Bore x Stroke	88	
		HM 1595cc Inline4 SOHC 2v	08/1983 - 07/1988	L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has plain shells. Suits until 12/85.</i>					
4B1076A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH
	CONROD		<i>Has plain shells. Suits until 12/85.</i>				
4B1076P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH
	CONROD		<i>Has one oil hole.</i>				
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH



88		Continued ...						88	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
RACE SERIES		CONROD							
<i>Has one oil hole.</i>									
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH		
RACE SERIES		CONROD							
<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>									
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH		
RACE SERIES		CONROD							
<i>Has one oil hole.</i>									
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH		
RACE SERIES		CONROD							
<i>Has plain shells.</i>									
4B1636A STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH		
RACE SERIES		CONROD							
<i>Has plain shells.</i>									
4B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH		
RACE SERIES		MAINS							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>									
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U		
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L		
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L		
	MAINS								
	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
	5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
		1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
3		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL		
4		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L		
MAINS									
<i>Full groove on # 4 position only. Requires thrustwashers.</i>									
5M1644A STD, .25, .50, .75, 1.00		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
		1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L		
	RACE SERIES								
	MAINS								
	<i>Full groove on # 4 position only. Requires thrustwashers.</i>								
	5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
		1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
4		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L		
RACE SERIES									
MAINS									
<i>0.001" extra oil clearance on STD journal.</i>									
5M1644HX STD		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
		1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L		

88 Continued ... **88**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>							
5M1645A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,5,	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F) UL
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				
MAINS <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F) UL
		53.978/2.1251	59.019/2.3236				
MAINS <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1654(F) UL
		53.978/2.1251	59.019/2.3236				
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
AUX							
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
PISTON PIN BUSH <i>Set of 4. Has 6.5mm oil hole and part groove.</i>							
4RB4170 UNB			23.000/.9055		25.00/.984	F100	4RB4170
			23.052/.9076				
PISTON PIN BUSH <i>Has 6.5mm oil hole and part groove.</i>							
RB4170 UNB			23.000/.9055		25.00/.984	F100	RB4170
			23.052/.9076				

89	Engine	Year	Cyl	Bore x Stroke	89
	HN 1595cc Inline4 SOHC 2v	08/1983 - 07/1989	L4	81.0mm x 77.4mm	
	JU 1595cc Inline4 SOHC 2v	08/1983 - 07/1986	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has plain shells. Suits until 12/85.</i>							
4B1076A STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	1076A IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>Has plain shells. Suits until 12/85.</i>							
4B1076P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	1076 IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES							
4B1606H STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES							
4B1606HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				



89		Continued ...						89
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>Has one oil hole.</i>								
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606	
		47.778/1.8810	50.619/1.9929				IH	
CONROD <i>Has plain shells.</i>								
4B1636A STD, .25, .50, .75, 1.00		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A	
		45.970/1.8098	49.016/1.9298				IH	
CONROD <i>Has plain shells.</i>								
4B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F780	1636	
		45.970/1.8098	49.016/1.9298				IH	
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>								
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>								
RACE SERIES 5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				L	
MAINS <i>0.001" extra oil clearance on STD journal.</i>								
RACE SERIES 5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				L	
MAINS <i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>								
5M1645A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5,	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	

89		Continued ...						89
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
MAINS <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>								
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
		53.958/2.1243	59.000/2.3228					
	3	53.978/2.1251	59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
			53.958/2.1243	59.000/2.3228				
		53.978/2.1251	59.019/2.3236					
MAINS <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>								
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
		53.958/2.1243	59.000/2.3228					
	3	53.978/2.1251	59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL	
			53.958/2.1243	59.000/2.3228				
		53.978/2.1251	59.019/2.3236					
THRUST								
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T	
		59.700/2.3504	73.200/2.8819				UL	
CAMS								
5C7008 STD	1,2,3,4,5	25.939/1.0212	28.250/1.1122	1.138/.0448	17.00/.669	F820	7008	
		25.960/1.0220	28.271/1.1130					
AUX								
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
PISTON PIN BUSH <i>Set of 4. Has 6.5mm oil hole and part groove.</i>								
4RB4170 UNB			23.000/.9055		25.00/.984	F100	4RB4170	
			23.052/.9076					
PISTON PIN BUSH <i>Has 6.5mm oil hole and part groove.</i>								
RB4170 UNB			23.000/.9055		25.00/.984	F100	RB4170	
			23.052/.9076					

90		Engine	Year	Cyl	Bore x Stroke	90	
		PN 1595cc Inline4 SOHC 2v	08/1985 - 07/1992	L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES							
4B1606H STD, .025, .25, .50							
CONROD <i>Has one oil hole.</i>							
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES							
4B1606HX STD							
CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,5	53.958/2.1243	59.000/2.3228				
		53.978/2.1251	59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228				
			53.978/2.1251	59.019/2.3236			



90		Continued ...						90
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
	MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
	5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
		4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>								
RACE SERIES								
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
	MAINS <i>0.001" extra oil clearance on STD journal.</i>							
RACE SERIES								
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
	MAINS <i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>							
5M1645A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5,	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1645A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	MAINS <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
	5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
		3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
MAINS <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>								
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL	
	THRUST							
	2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL

90 Continued ... 90

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
4RB4170 UNB	PISTON PIN BUSH		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		25.00/.984	F100	4RB4170
			23.000/.9055	23.052/.9076			
4RB4171 UNB	PISTON PIN BUSH		<i>Set of 4. Has 3mm oil hole and full groove.</i>		25.00/.984	F100	4RB4171
			23.000/.9055	23.021/.9063			
RB4170 UNB	PISTON PIN BUSH		<i>Has 6.5mm oil hole and part groove.</i>		25.00/.984	F100	RB4170
			23.000/.9055	23.052/.9076			
RB4171 UNB	PISTON PIN BUSH		<i>Has 3mm oil hole and full groove.</i>		25.00/.984	F100	RB4171
			23.000/.9055	23.021/.9063			

91 Engine Year Cyl Bore x Stroke 91

RE 1595cc Inline4 SOHC 2v 04/1986 - 07/1990 L4 81.0mm x 77.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD		<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH		
			47.758/1.8802	50.600/1.9921					47.778/1.8810	50.619/1.9929
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD		<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F781	1606H IH		
			47.758/1.8802	50.600/1.9921					47.778/1.8810	50.619/1.9929
RACE SERIES 4B1606HX STD	CONROD		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		1.392/.0548	19.00/.748	F781	1606HX IH		
			47.758/1.8802	50.600/1.9921					47.778/1.8810	50.619/1.9929
4B1606P STD, .25, .50, .75, 1.00	CONROD		<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH		
			47.758/1.8802	50.600/1.9921					47.778/1.8810	50.619/1.9929
5M1643A STD, .25, .50, .75, 1.00	MAINS	1,2,4,5	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					F810	1648A U 1644A L 1643A(F) UL 1648A L	
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
5M1643P STD, .25, .50, .75, 1.00	MAINS	1,2,4,5	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					F780	1648 U 1644 L 1643(F) UL 1648 L	
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
5M1644A STD, .25, .50, .75, 1.00	MAINS	1,2,3,4,5	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					F810	1648A U 1644A L	
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	53.978/2.1251			59.019/2.3236
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	53.978/2.1251			59.019/2.3236



91 Continued ...							91
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1644A STD, .25, .50, .75, 1.00	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
MAINS		<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>					
5M1645A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5,	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1645A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL
THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
CAMS							
5C7008 STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008
AUX							
2B57006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
PISTON PIN BUSH		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
4RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
PISTON PIN BUSH		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
PISTON PIN BUSH		<i>Has 6.5mm oil hole and part groove.</i>					
RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170



91 Continued ... **91**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Has 3mm oil hole and full groove.</i>							
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

92 Engine **92**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RL 1595cc Inline4 SOHC 2v Year 08/1986 - 03/1988 Cyl L4 Bore x Stroke 81.0mm x 77.4mm							

CONROD <i>Has one oil hole.</i>								
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
RACE SERIES <i>Has one oil hole.</i>								
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
RACE SERIES <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>								
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
CONROD <i>Has one oil hole.</i>								
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
	MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	RACE SERIES <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
	5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
1,2,3,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
4		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
RACE SERIES <i>0.001" extra oil clearance on STD journal.</i>								
5M1644HX STD		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	



92 Continued ...								92
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1644HX STD	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
MAINS		<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>						
5M1645A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5,	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1645A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
	MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL	
	THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
	AUX							
2B57006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
	PISTON PIN BUSH		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
4RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170	
PISTON PIN BUSH		<i>Has 6.5mm oil hole and part groove.</i>						
RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170	

93 Engine		Year		Cyl	Bore x Stroke	93	
EW 1595cc Inline4 SOHC 2v		01/1983 - 07/1992		L4	81.0mm x 77.4mm		
EZ 1595cc Inline4 SOHC 2v		08/1983 - 09/1991		L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has plain shells. Suits until 12/85.</i>					
4B1076A STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH
	CONROD		<i>Has plain shells. Suits until 12/85.</i>				
4B1076P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH
	CONROD		<i>Has one oil hole.</i>				
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
	RACE SERIES		<i>Has one oil hole.</i>				
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH



93		Continued ...						93
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES		CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
4B1606HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX	
		47.778/1.8810	50.619/1.9929				IH	
4B1606P STD, .25, .50, .75, 1.00		CONROD <i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606	
		47.778/1.8810	50.619/1.9929				IH	
4B1636A STD, .25, .50, .75, 1.00		CONROD <i>Has plain shells.</i>						
		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A	
		45.970/1.8098	49.016/1.9298				IH	
4B1636P STD, .25, .50, .75, 1.00, 1.50		CONROD <i>Has plain shells.</i>						
		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F780	1636	
		45.970/1.8098	49.016/1.9298				IH	
5M1643A STD, .25, .50, .75, 1.00		MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
5M1643P STD, .25, .50, .75, 1.00		MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
5M1644A STD, .25, .50, .75, 1.00		MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
RACE SERIES		MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				L	
RACE SERIES		MAINS <i>0.001" extra oil clearance on STD journal.</i>						
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				L	
5M1645A STD, .25, .50, .75, 1.00		MAINS <i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>						
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	



93		Continued ...						93
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1645A STD, .25, .50, .75, 1.00	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1645A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
	MAINS		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL	
	THRUST							
2T1644 STD			59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	AUX							
2B57006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
4RB4170 UNB	PISTON PIN BUSH		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170	
4RB4171 UNB	PISTON PIN BUSH		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171	
RB4170 UNB	PISTON PIN BUSH		<i>Has 6.5mm oil hole and part groove.</i>					
			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170	
RB4171 UNB	PISTON PIN BUSH		<i>Has 3mm oil hole and full groove.</i>					
			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171	

94		Engine	Year	Cyl	Bore x Stroke	94	
		DX 1781cc Inline4 SOHC 2v	08/1982 - 07/1992	L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1076A STD, .25, .50, .75, 1.00	CONROD		<i>Has plain shells. Suits until 12/85.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810
4B1076P STD, .25, .50, .75, 1.00	CONROD		<i>Has plain shells. Suits until 12/85.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD		<i>Has one oil hole.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD		<i>Has one oil hole.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781
RACE SERIES 4B1606HX STD	CONROD		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781



94		Continued ...						94
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD		<i>Has one oil hole.</i>						
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606	
		47.778/1.8810	50.619/1.9929				IH	
MAINS		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
	MAINS		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
	5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U	
1,2,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236				L	
3		53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)	
		53.978/2.1251	59.019/2.3236				UL	
4		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
MAINS		<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644A STD, .25, .50, .75, 1.00		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
RACE SERIES		<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				L	
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>						
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				L	
THRUST								
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T	
		59.700/2.3504	73.200/2.8819				UL	
CAMS								
5C7008 STD	1,2,3,4,5	25.939/1.0212	28.250/1.1122	1.138/.0448	17.00/.669	F820	7008	
		25.960/1.0220	28.271/1.1130					
AUX								
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
PISTON PIN BUSH		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>						
4RB4170 UNB			23.000/.9055		25.00/.984	F100	4RB4170	
			23.052/.9076					



94 Continued ...							94
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4RB4171 UNB	PISTON PIN BUSH		<i>Set of 4. Has 3mm oil hole and full groove.</i>		25.00/.984	F100	4RB4171
			23.000/.9055	23.021/.9063			
RB4170 UNB	PISTON PIN BUSH		<i>Has 6.5mm oil hole and part groove.</i>		25.00/.984	F100	RB4170
			23.000/.9055	23.052/.9076			
RB4171 UNB	PISTON PIN BUSH		<i>Has 3mm oil hole and full groove.</i>		25.00/.984	F100	RB4171
			23.000/.9055	23.021/.9063			

95	Engine	Year	Cyl	Bore x Stroke	95
	EV 1781cc Inline4 SOHC 2v	12/1983 - 07/1987	L4	81.0mm x 86.4mm	
	EX 1781cc Inline4 SOHC 2v	08/1983 - 07/1993	L4	81.0mm x 86.4mm	
	GU 1781cc Inline4 SOHC 2v	08/1983 - 10/1991	L4	81.0mm x 86.4mm	
	GX 1781cc Inline4 SOHC 2v	08/1983 - 07/1988	L4	81.0mm x 86.4mm	
	GZ 1781cc Inline4 SOHC 2v	01/1984 - 07/1988	L4	81.0mm x 86.4mm	
	HV 1781cc Inline4 SOHC 2v	08/1983 - 07/1987	L4	81.0mm x 86.4mm	
	JH 1781cc Inline4 SOHC 2v	05/1983 - 07/1994	L4	81.0mm x 86.4mm	
	KR 1781cc Inline4 DOHC 4v	08/1984 - 07/1992	L4	81.0mm x 86.4mm	
	KT 1781cc Inline4 SOHC 2v	08/1983 - 07/1989	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1076A STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>						
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	1076A IH	
4B1076P STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>						
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	1076 IH	
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH	
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH	
RACE SERIES 4B1606HX STD	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH	
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH	
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
		53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	3	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L	
	4	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L	
	5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
1,2,5		53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
		53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F) UL	
3		53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 L	



95 Continued ...							95
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1643P STD, .25, .50, .75, 1.00	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L
MAINS		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
AUX							
2B57006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
PISTON PIN BUSH		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
4RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
PISTON PIN BUSH		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
PISTON PIN BUSH		<i>Has 6.5mm oil hole and part groove.</i>					
RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170
PISTON PIN BUSH		<i>Has 3mm oil hole and full groove.</i>					
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

96	Engine	Year	Cyl	Bore x Stroke	96		
	2H 1781cc Inline4 SOHC 2v	08/1989 - 07/1993	L4	81.0mm x 86.4mm			
	PL 1781cc Inline4 DOHC 4v	02/1986 - 07/1992	L4	81.0mm x 86.4mm			
	RG 1781cc Inline4 SOHC 2v	02/1986 - 07/1987	L4	81.0mm x 86.4mm			
	RH 1781cc Inline4 SOHC 2v	08/1986 - 07/1990	L4	81.0mm x 86.4mm			
	RP 1781cc Inline4 SOHC 2v	08/1986 - 10/1991	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has one oil hole.</i>					
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES		<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH



96		Continued ...						96
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES		CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
4B1606HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH	
		47.778/1.8810	50.619/1.9929					
4B1606P STD, .25, .50, .75, 1.00		CONROD <i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH	
		47.778/1.8810	50.619/1.9929					
5M1643A STD, .25, .50, .75, 1.00		MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F) UL	
		53.978/2.1251	59.019/2.3236					
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L	
		53.978/2.1251	59.019/2.3236					
5M1643P STD, .25, .50, .75, 1.00		MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
		53.978/2.1251	59.019/2.3236					
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
		53.978/2.1251	59.019/2.3236					
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F) UL	
		53.978/2.1251	59.019/2.3236					
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 L	
		53.978/2.1251	59.019/2.3236					
5M1644A STD, .25, .50, .75, 1.00		MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L	
		53.978/2.1251	59.019/2.3236					
RACE SERIES		MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U	
		53.978/2.1251	59.019/2.3236					
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H L	
		53.978/2.1251	59.019/2.3236					
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H L	
		53.978/2.1251	59.019/2.3236					
RACE SERIES		MAINS <i>0.001" extra oil clearance on STD journal.</i>						
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U	
		53.978/2.1251	59.019/2.3236					
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX L	
		53.978/2.1251	59.019/2.3236					
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L	
		53.978/2.1251	59.019/2.3236					
2T1644 STD		THRUST						
		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
2B57006 UNB		AUX						
	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
4RB4170 UNB		PISTON PIN BUSH <i>Set of 4. Has 6.5mm oil hole and part groove.</i>						
			23.000/.9055		25.00/.984	F100	4RB4170	
			23.052/.9076					

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96 Continued ...							96
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171
RB4170 UNB	PISTON PIN BUSH	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	RB4170
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171

97 Engine	Year	Cyl	Bore x Stroke	97
PG 1781cc Inline4 SOHC 2v Turbo	08/1988 - 07/1993	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD	<i>Original bearings are marked with sputter - ACL Race Series are not sputter. Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES	CONROD	<i>Original bearings are marked with sputter - ACL Race Series are not sputter. Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
4B5537D STD, .25, .50	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.403/.0552	20.00/.787	F780	5537 L
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.404/.0553	20.00/.787	F781	5537D U
4B5537P STD, .25, .50	CONROD	<i>Has one oil hole.</i>					
		50.600/1.9921 47.778/1.8810		1.403/.0552	20.00/.787	F780	5537 IH
5M1644A STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES	MAINS	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504		73.000/2.8740 73.200/2.8819	1.98/.078	F817	1644T UL



97 Continued ...								97
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
AUX								
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
PISTON PIN BUSH								
RB4053 UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053	

98 Engine				Year	Cyl	Bore x Stroke	98
PP 1595cc Inline4 SOHC 2v				03/1987 - 03/1988	L4	81.0mm x 77.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
<i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
	RACE SERIES						
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
	RACE SERIES						
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
	CONROD						
<i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	MAINS						
<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES							
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES							
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	AUX						
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
PISTON PIN BUSH							
4RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>						

98 Continued ...							98
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

PISTON PIN BUSH *Has 6.5mm oil hole and part groove.*

RB4170 UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170
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99	Engine	Year	Cyl	Bore x Stroke	99
	AZV 1968cc Inline4 DOHC 4v Turbo Diesel	02/2003 - On	L4	81.0mm x 95.5mm	
	BKD 1968cc Inline4 DOHC 4v Turbo Diesel	08/2003 - On	L4	81.0mm x 95.5mm	
	BKP 1968cc Inline4 DOHC 4v Turbo Diesel	03/2005 - 05/2009	L4	81.0mm x 95.5mm	
	BMA 1968cc Inline4 SOHC 2v Turbo Diesel	03/2005 - 05/2009	L4	81.0mm x 95.5mm	
	BMR 1968cc Inline4 DOHC 4v Turbo Diesel	02/2006 - On	L4	81.0mm x 95.5mm	
	BUZ 1968cc Inline4 DOHC 4v Turbo Diesel	10/2005 - On	L4	81.0mm x 95.5mm	
	BVE 1968cc Inline4 DOHC 4v Turbo Diesel	06/2005 - 05/2007	L4	81.0mm x 95.5mm	
	BWV 1968cc Inline4 SOHC 2v Turbo Diesel	03/2005 - 05/2007	L4	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD

4B5538D STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L
		50.878/2.0031	53.712/2.1146				
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D U
		50.878/2.0031	53.712/2.1146				

CONROD

4B5538P STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH
		50.878/2.0031	53.712/2.1146				

MAINS

5M5540A STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				

MAINS

5M5540P STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				

THRUST

2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

CAMS

10C7005 STD	Exhaust	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
	Inlet	25.939/1.0212	29.000/1.1417	1.513/.0596	22.00/.866	F780	7005
		25.960/1.0220	29.021/1.1426				

100	Engine	Year	Cyl	Bore x Stroke	100
	AXB 1896cc Inline4 SOHC 2v Turbo Diesel	04/2003 - On	L4	79.5mm x 95.5mm	
	AXC 1896cc Inline4 SOHC 2v Turbo Diesel	04/2003 - On	L4	79.5mm x 95.5mm	
	BDJ 1968cc Inline4 SOHC 2v Diesel	02/2004 - On	L4	81.0mm x 95.5mm	
	BDK 1968cc Inline4 SOHC 2v Diesel	01/2004 - 11/2008	L4	81.0mm x 95.5mm	
	BGW 1968cc Inline4 SOHC 2v Turbo Diesel	11/2003 - 05/2005	L4	81.0mm x 95.5mm	
	BHW 1968cc Inline4 SOHC 2v Turbo Diesel	11/2003 - 05/2005	L4	81.0mm x 95.5mm	
	BMM 1968cc Inline4 DOHC 4v Turbo Diesel	12/2004 - On	L4	81.0mm x 95.5mm	
	BMN 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - On	L4	81.0mm x 95.5mm	
	BMP 1968cc Inline4 DOHC 4v Turbo Diesel	03/2005 - On	L4	81.0mm x 95.5mm	
	BPZ 1896cc Inline4 SOHC 2v Turbo Diesel	01/2007 - 03/2008	L4	79.5mm x 95.5mm	
	BRT 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - On	L4	81.0mm x 95.5mm	
	BST 1968cc Inline4 SOHC 2v Diesel	06/2005 - On	L4	81.0mm x 95.5mm	
	BTB 1896cc Inline4 SOHC 2v Turbo Diesel	06/2005 - 05/2007	L4	79.5mm x 95.5mm	
	BVH 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - On	L4	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD

4B5538D STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L
		50.878/2.0031	53.712/2.1146				



100 Continued ...							100
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5538D STD, .25, .50	CONROD	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D
		50.878/2.0031	53.712/2.1146				U
4B5538P STD, .25, .50	CONROD	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				IH
5M5540A STD, .25, .50	MAINS 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A
		53.978/2.1251	59.012/2.3233				UL
5M5540P STD, .25, .50	MAINS 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540
		53.978/2.1251	59.012/2.3233				UL
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL

101 Engine	Year	Cyl	Bore x Stroke	101
CAAA 1968cc Inline4 Turbo Diesel	09/2009 - On	L4	81.0mm x 95.5mm	
CAAB 1968cc Inline4 Turbo Diesel	09/2009 - On	L4	81.0mm x 95.5mm	
CAAC 1968cc Inline4 Turbo Diesel	09/2009 - On	L4	81.0mm x 95.5mm	
CAAE 1968cc Inline4 Turbo Diesel	05/2010 - On	L4	81.0mm x 95.5mm	
CBAA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	81.0mm x 95.5mm	
CBAB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2007 - On	L4	81.0mm x 95.5mm	
CBAC 1968cc Inline4 DOHC 4v Turbo Diesel	01/2009 - On	L4	81.0mm x 95.5mm	
CBBA 1968cc Inline4 DOHC 4v Turbo Diesel	02/2008 - 08/2009	L4	81.0mm x 95.5mm	
CBBB 1968cc Inline4 DOHC 4v Turbo Diesel	02/2008 - On	L4	81.0mm x 95.5mm	
CBDA 1968cc Inline4 DOHC 4v Turbo Diesel	05/2005 - On	L4	81.0mm x 95.5mm	
CBDB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2005 - On	L4	81.0mm x 95.5mm	
CBDC 1968cc Inline4 DOHC 4v Turbo Diesel	10/2008 - On	L4	81.0mm x 95.5mm	
CBEA 1968cc Inline4 DOHC 4v Turbo Diesel	01/2008 - On	L4	81.0mm x 95.5mm	
CBJA 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	81.0mm x 95.5mm	
CCHA 1968cc Inline4 DOHC 4v Turbo Diesel	09/2009 - 05/2011	L4	81.0mm x 95.5mm	
CCHB 1968cc Inline4 DOHC 4v Turbo Diesel	09/2009 - 05/2011	L4	81.0mm x 95.5mm	
CDBA 1968cc Inline4 Turbo Diesel	09/2010 - On	L4	81.0mm x 95.5mm	
CDCA 1968cc Inline4 Turbo Diesel	09/2010 - On	L4	81.0mm x 95.5mm	
CEGA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2008 - On	L4	81.0mm x 95.5mm	
CFCA 1968cc Inline4 DOHC 4v Twin Turbo Diesel	09/2009 - On	L4	81.0mm x 95.5mm	
CFFA 1968cc Inline4 Turbo Diesel	11/2007 - On	L4	81.0mm x 95.5mm	
CFFB 1968cc Inline4 DOHC 4v Turbo Diesel	03/2008 - On	L4	81.0mm x 95.5mm	
CFFD 1968cc Inline4 Turbo Diesel	05/2010 - On	L4	81.0mm x 95.5mm	
CFGB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	81.0mm x 95.5mm	
CFHB 1968cc Inline4 Turbo Diesel	05/2005 - On	L4	81.0mm x 95.5mm	
CFHC 1968cc Inline4 DOHC 4v Turbo Diesel	08/2008 - On	L4	81.0mm x 95.5mm	
CFHE 1968cc Inline4 Turbo Diesel	11/2010 - On	L4	81.0mm x 95.5mm	
CFHF 1968cc Inline4 Turbo Diesel	08/2010 - On	L4	81.0mm x 95.5mm	
CFJA 1968cc Inline4 Turbo Diesel	12/2005 - On	L4	81.0mm x 95.5mm	
CJAA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2009 - On	L4	81.0mm x 95.5mm	
CLCA 1968cc Inline4 DOHC 4v Turbo Diesel	01/2010 - On	L4	81.0mm x 95.5mm	
CLCB 1968cc Inline4 DOHC 4v Turbo Diesel	10/2010 - On	L4	81.0mm x 95.5mm	
CLJA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	81.0mm x 95.5mm	
CLLA 1968cc Inline4 Turbo Diesel	06/2008 - On	L4	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5538D STD, .25, .50	CONROD	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D
		50.878/2.0031	53.712/2.1146				U
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				L

101 Continued ... **101**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5538P STD, .25, .50	CONROD	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH
		50.878/2.0031	53.712/2.1146				
5M5540A STD, .25, .50	MAINS 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				
5M5540P STD, .25, .50	MAINS 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

102 Engine **102**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
AAF 2461cc Inline5 SOHC 2v				09/1990 - 04/1995	L5	81.0mm x 95.5mm	
ACU 2461cc Inline5 SOHC 2v				08/1993 - 10/1996	L5	81.0mm x 95.5mm	
AEN 2461cc Inline5 SOHC 2v				05/1995 - 12/1995	L5	81.0mm x 95.5mm	
AET 2461cc Inline5 SOHC 2v				08/1996 - 09/2003	L5	81.0mm x 95.5mm	
AEU 2461cc Inline5 SOHC 2v				08/1996 - 06/2003	L5	81.0mm x 95.5mm	
APL 2461cc Inline5 SOHC 2v				05/1999 - 12/1999	L5	81.0mm x 95.5mm	
AVT 2461cc Inline5 SOHC 2v				12/1999 - 06/2003	L5	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B1606A STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802	50.600/1.9921				
5B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
		47.758/1.8802	50.600/1.9921				
6M1604A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	63.000/2.4803				
6M1604P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.958/2.2818	63.000/2.4803				
2T1604 STD	THRUST	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
2T1614 STD	THRUST	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
5RB4167 UNB	PISTON PIN BUSH	<i>Set of 5.</i>			25.00/.984	F100	5RB4167
			27.000/1.0630				
RB4167 UNB	PISTON PIN BUSH	<i>Set of 5.</i>			25.00/.984	F100	RB4167
			27.000/1.0630				

103 Engine **103**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
HP 1994cc Inline5 SOHC 2v				08/1983 - 07/1988	L5	81.0mm x 77.4mm	
JS 1994cc Inline5 SOHC 2v				08/1983 - 07/1988	L5	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B1076A STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F810	1076A IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				



103 Continued ...							103
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B1076P STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748 F780 1076 IH
5B1606A STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748 F810 1606A IH
5B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748 F780 1606 IH
5B1636A STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells.</i>		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748 F810 1636A IH
5B1636P STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has plain shells.</i>		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748 F780 1636 IH
6M1604A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728 F810 1604A UL
6M1604P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728 F780 1604 UL
2T1604 STD	THRUST			63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492	1.98/.078	F817 1604T UL
2T1614 STD	THRUST			63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394	1.98/.078	F817 1614T UL
RB4170 UNB	PISTON PIN BUSH	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076		25.00/.984	F100 RB4170

104 Engine	Year	Cyl	Bore x Stroke	104
HY 2226cc Inline5 SOHC 2v	08/1984 - 07/1988	L5	81.0mm x 86.4mm	
JT 2226cc Inline5 SOHC 2v	08/1985 - 07/1988	L5	81.0mm x 86.4mm	
KM 2226cc Inline5 SOHC 2v	08/1983 - 07/1985	L5	81.0mm x 86.4mm	
KV 2226cc Inline5 SOHC 2v	01/1985 - 03/1988	L5	81.0mm x 86.4mm	
KX 2226cc Inline5 SOHC 2v	01/1985 - 07/1988	L5	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B1076A STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748 F810 1076A IH
5B1076P STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748 F780 1076 IH
5B1606A STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748 F810 1606A IH
5B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748 F780 1606 IH
6M1604A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728 F810 1604A UL
6M1604P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728 F780 1604 UL

104 Continued ...							104
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T1604 STD	THRUST	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
2T1614 STD	THRUST	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
RB4170 UNB	PISTON PIN BUSH	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055	25.00/.984	F100	RB4170
				23.052/.9076			

105 Engine	Year	Cyl	Bore x Stroke	105
ACV 2461cc Inline5 SOHC 2v Turbo Diesel	09/1995 - 09/2003	L5	81.0mm x 95.5mm	
AGX 2461cc Inline5 SOHC 2v Diesel	05/1996 - 04/2001	L5	81.0mm x 95.5mm	
AHD 2461cc Inline5 SOHC 2v Turbo Diesel	05/1996 - 05/1999	L5	81.0mm x 95.5mm	
AHY 2461cc Inline5 SOHC 2v Turbo Diesel	05/1998 - 09/2000	L5	81.0mm x 95.5mm	
AJT 2461cc Inline5 SOHC 2v Turbo Diesel	05/1998 - 09/2003	L5	81.0mm x 95.5mm	
ANF 2461cc Inline5 SOHC 2v Diesel	02/2002 - On	L5	81.0mm x 95.5mm	
ANG 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	81.0mm x 95.5mm	
ANH 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	81.0mm x 95.5mm	
ANJ 2461cc Inline5 SOHC 2v Turbo Diesel	05/1999 - 07/2006	L5	81.0mm x 95.5mm	
APA 2461cc Inline5 SOHC 2v Turbo Diesel	05/1999 - 04/2001	L5	81.0mm x 95.5mm	
AUF 2461cc Inline5 SOHC 2v Turbo Diesel	11/1999 - 09/2003	L5	81.0mm x 95.5mm	
AVR 2461cc Inline5 SOHC 2v Turbo Diesel	12/2002 - 07/2006	L5	81.0mm x 95.5mm	
AXG 2461cc Inline5 SOHC 2v Turbo Diesel	09/2000 - 09/2003	L5	81.0mm x 95.5mm	
AXL 2461cc Inline5 SOHC 2v Turbo Diesel	04/2001 - 09/2003	L5	81.0mm x 95.5mm	
AYC 2461cc Inline5 SOHC 2v Turbo Diesel	04/2001 - 09/2003	L5	81.0mm x 95.5mm	
AYY 2461cc Inline5 SOHC 2v Diesel	10/2001 - 09/2003	L5	81.0mm x 95.5mm	
BBE 2461cc Inline5 SOHC 2v Diesel	04/2001 - 07/2006	L5	81.0mm x 95.5mm	
BBF 2461cc Inline5 SOHC 2v Diesel	04/2001 - 07/2006	L5	81.0mm x 95.5mm	
BBR 2461cc Inline5 SOHC 2v Turbo Diesel	01/2003 - On	L5	81.0mm x 95.5mm	
BCT 2461cc Inline5 SOHC 2v Diesel	02/2002 - On	L5	81.0mm x 95.5mm	
BCU 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	81.0mm x 95.5mm	
BCV 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	81.0mm x 95.5mm	
BTW 2461cc Inline5 SOHC 2v Turbo Diesel	04/2005 - On	L5	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B5536D STD, .25, .50	CONROD	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F781	5536D U
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 L
		47.778/1.8810	50.612/1.9926				
5B5536P STD, .25, .50	CONROD	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 IH
		47.778/1.8810	50.612/1.9926				
6M1604A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	63.000/2.4803				
6M1604P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				
2T1604 STD	THRUST	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
2T1614 STD	THRUST	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				



105 Continued ...							105
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4168 UNB			29.000/1.1417 29.052/1.1438		25.00/.984	F100	RB4168
106 Engine							106
ABF 1984cc Inline4 DOHC 4v			08/1992 - 10/1999		Cyl L4	Bore x Stroke 82.5mm x 92.8mm	
ADY 1984cc Inline4 SOHC 2v			07/1994 - 02/2000		L4	82.5mm x 92.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1606A STD, .25, .50, .75, 1.00, 1.50		<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
RACE SERIES							
4B1606H STD, .025, .25, .50		<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F781	1606H IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
RACE SERIES							
4B1606HX STD		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		1.392/.0548	19.00/.748	F781	1606HX IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
CONROD							
4B1606P STD, .25, .50, .75, 1.00		<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
MAINS							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>Full groove on # 4 position only. Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1648A U
		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236				
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES							
5M1644H STD, .25, .50	1,2,3,4,5	<i>Full groove on # 4 position only. Requires thrustwashers.</i>		2.502/.0985	18.49/.728	F780	1648H U
		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236				
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES							
5M1644HX STD	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		2.489/.0980	18.49/.728	F780	1648HX U
		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236				
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
AUX							
2B57006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
PISTON PIN BUSH							
4RB4171 UNB			<i>Set of 4. Has 3mm oil hole and full groove.</i>		25.00/.984	F100	4RB4171
			23.000/.9055 23.021/.9063				
PISTON PIN BUSH							
4RB4173 UNB			<i>Set of 4.</i>		25.00/.984	F100	4RB4173
			23.000/.9055 23.021/.9063				
PISTON PIN BUSH							
RB4171 UNB			<i>Has 3mm oil hole and full groove.</i>		25.00/.984	F100	RB4171
			23.000/.9055 23.021/.9063				



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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4173 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4173

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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
Year Cyl Bore x Stroke							
AEP 1984cc Inline4 SOHC 2v				01/1995 - 12/1997		L4 82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
<i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES							
CONROD							
<i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES							
CONROD							
<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
CONROD							
<i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
MAINS							
<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES							
MAINS							
<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES							
MAINS							
<i>0.001" extra oil clearance on STD journal.</i>							
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
MAINS							
<i>Half Groove Set. Requires thrustwashers.</i>							
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
MAINS							
<i>Half Groove Set. Requires thrustwashers.</i>							
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
PISTON PIN BUSH							
<i>Set of 4.</i>							
4RB4173 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4173



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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4173 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4173

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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
AGG 1984cc Inline4 SOHC 2v				Year 07/1995 - 03/2003	Cyl L4	Bore x Stroke 82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES CONROD <i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
RACE SERIES CONROD <i>Has one oil hole and no notch.</i>							
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES CONROD <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
CONROD <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES MAINS <i>0.001" extra oil clearance on STD journal.</i>							
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U

108 Continued ...							108
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				1648 U
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
		53.978/2.1251	59.019/2.3236				
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
		53.978/2.1251	59.019/2.3236				1668A U
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
		53.978/2.1251	59.019/2.3236				
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
AUX							
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4173 UNB			23.000/.9055		25.00/.984	F100	4RB4173
			23.021/.9063				
PISTON PIN BUSH							
RB4173 UNB			23.000/.9055		25.00/.984	F100	RB4173
			23.021/.9063				

109 Engine				Year	Cyl	Bore x Stroke	109
AKR 1984cc Inline4 SOHC 2v				09/1994 - On	L4	82.5mm x 92.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES CONROD <i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES CONROD <i>Has one oil hole and no notch.</i>							
4B1609H STD, .025, .25		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES CONROD <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
4B1609HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L
		47.778/1.8810	50.619/1.9929				1609 U
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.778/1.8810	50.619/1.9929				
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				1644A L
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				



109 Continued ...							109
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1644A STD, .25, .50, .75, 1.00	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES		<i>Full groove on #4 position only. Requires thrustwashers.</i>					
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
5M1653A STD, .25, .50, .75, 1.00		<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
5M1653P STD, .25, .50, .75, 1.00		<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
2T1644 STD		THRUST					
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
4RB4173 UNB		PISTON PIN BUSH <i>Set of 4.</i>					
			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4173
RB4173 UNB		PISTON PIN BUSH					
			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4173

110 Engine	Year	Cyl	Bore x Stroke	110
ALT 1984cc Inline4 DOHC 5v	11/2001 - 05/2005	L4	82.5mm x 92.8mm	
AXX 1984cc Inline4 DOHC 4v Turbo	09/2004 - 02/2009	L4	82.5mm x 92.8mm	
BPY 1984 Inline4 DOHC 4v Turbo	06/2005 - On	L4	82.5mm x 92.8mm	
BVX 1984cc Inline4 DOHC 4v	11/2005 - On	L4	82.5mm x 92.8mm	
BWA 1984cc Inline4 DOHC 4v Turbo	06/2005 - On	L4	82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES		<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25	CONROD	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES		<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD	CONROD	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
4B1609P STD, .25, .50, .75, 1.00		<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
	CONROD	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
	CONROD	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
5M1668A STD, .25, .50, .75		MAINS <i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U

110 Continued ...							110
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
		53.978/2.1251	59.019/2.3236				
THRUST							
2T5535 STD		59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T UL
		59.750/2.3524	71.800/2.8268				

111 Engine				Year	Cyl	Bore x Stroke	111
ATM 1984cc Inline4 SOHC 2v				04/2000 - On	L4	82.5mm x 92.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES		<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25	CONROD	47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES		<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD	CONROD	47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES		<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
4B1609P STD, .25, .50, .75, 1.00	CONROD	47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.778/1.8810	50.619/1.9929				
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L
		47.778/1.8810	50.619/1.9929				
MAINS		<i>Half Groove Set. Requires thrustwashers.</i>					
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
	53.978/2.1251	59.019/2.3236					
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
AUX							
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				

112 Engine				Year	Cyl	Bore x Stroke	112
BHP 1984cc Inline4 SOHC 2v				06/2003 - On	L4	82.5mm x 92.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES		<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25	CONROD	47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES		<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD	CONROD	47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
		47.778/1.8810	50.619/1.9929				
MAINS		<i>Half Groove Set. Requires thrustwashers.</i>					
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
	53.978/2.1251	59.019/2.3236					
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				



113 Engine		Year	Cyl	Bore x Stroke	113		
ATU 1984cc Inline4 SOHC 2v		06/1999 - 06/2000	L4	82.5mm x 92.8mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES CONROD <i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
RACE SERIES CONROD <i>Has one oil hole and no notch.</i>							
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES CONROD <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
CONROD <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810 47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929 50.600/1.9921 50.619/1.9929	1.405/.0553 1.405/.0553	19.00/.748 19.00/.748	F780 F810	1609 U 1609A L
MAINS <i>Full groove on #4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
RACE SERIES MAINS <i>Full groove on #4 position only. Requires thrustwashers.</i>							
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
RACE SERIES MAINS <i>0.001" extra oil clearance on STD journal.</i>							
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL

113 Continued ... 113

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2BS7006 UNB	AUX 1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
4RB4173 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		23.000/.9055	25.00/.984	F100	4RB4173
				23.021/.9063			
RB4173 UNB	PISTON PIN BUSH			23.000/.9055	25.00/.984	F100	RB4173
				23.021/.9063			

114 Engine Year Cyl Bore x Stroke 114

AWF 1984cc Inline4 SOHC 2v	06/2000 - 06/2002	L4	82.5mm x 92.8mm
AWG 1984cc Inline4 SOHC 2v	05/2000 - 06/2002	L4	92.5mm x 92.8mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH	
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH	
RACE SERIES 4B1606HX STD	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH	
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH	
RACE SERIES 4B1609H STD, .025, .25	CONROD	<i>Has one oil hole and no notch.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH	
RACE SERIES 4B1609HX STD	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>						
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH	
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U	
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L	
		47.778/1.8810	50.619/1.9929					
5M1668A STD, .25, .50, .75	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
			53.978/2.1251	59.019/2.3236				
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
2BS7006 UNB	AUX	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120				
		2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
			41.975/1.6526	45.025/1.7726				
4RB4173 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		23.000/.9055	25.00/.984	F100	4RB4173	
				23.021/.9063				



114 Continued ...							114
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4173 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4173
115 Engine				Year	Cyl	Bore x Stroke	115
AXA 1984cc Inline4 SOHC 2v				11/2003 - 11/2009	L4	82.5mm x 92.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<i>Has one oil hole.</i>							
RACE SERIES							
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<i>Has one oil hole.</i>							
RACE SERIES							
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
CONROD							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<i>Has one oil hole.</i>							
RACE SERIES							
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<i>Has one oil hole and no notch.</i>							
RACE SERIES							
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
CONROD							
4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
CONROD							
4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
MAINS							
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
<i>Half Groove Set. Requires thrustwashers.</i>							
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
THRUST							
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
AUX							
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
PISTON PIN BUSH							
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<i>Set of 4. Has 3mm oil hole and full groove.</i>							
PISTON PIN BUSH							
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171
<i>Has 3mm oil hole and full groove.</i>							

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116	Engine	Year	Cyl	Bore x Stroke	116
	AXW 1984cc Inline4 DOHC 4v	10/2003 - 07/2005	L4	82.5mm x 92.8mm	
	BLR 1984cc Inline4 DOHC 4v	01/2005 - 07/2007	L4	82.5mm x 92.8mm	
	BLX 1984cc Inline4 DOHC 4v	05/2004 - 07/2007	L4	82.5mm x 92.8mm	
	BLY 1984cc Inline4 DOHC 4v	05/2004 - 07/2007	L4	82.5mm x 92.8mm	
	BVY 1984cc Inline4 DOHC 4v	06/2005 - On	L4	82.5mm x 92.8mm	
	BVZ 1984cc Inline4 DOHC 4v	11/2005 - On	L4	82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	CONROD	<i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
5M1668A STD, .25, .50, .75	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
2T5535 STD	THRUST	59.500/2.3425 59.750/2.3524	71.550/2.8169 71.800/2.8268		2.48/.097	F817	5535T UL
4RB4178 UNB	PISTON PIN BUSH	<i>Set of 4.</i>			25.00/.984	F100	4RB4178
RB4178 UNB	PISTON PIN BUSH		21.000/.8268 21.021/.8276		25.00/.984	F100	RB4178

117	Engine	Year	Cyl	Bore x Stroke	117
	BYD 1984cc Inline4 DOHC 4v Turbo	09/2006 - 05/2007	L4	82.5mm x 92.8mm	
	CDLA 1984cc Inline4 DOHC 4v Turbo	11/2009 - On	L4	82.5mm x 92.8mm	
	CDLC 1984cc Inline4 DOHC 4v Turbo	11/2009 - On	L4	82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M1668A STD, .25, .50, .75	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
2T5535 STD	THRUST	59.500/2.3425 59.750/2.3524	71.550/2.8169 71.800/2.8268		2.48/.097	F817	5535T UL



118	Engine	Year	Cyl	Bore x Stroke	118
	124 A 1584cc Flat4 OHV 2v	08/1961 - 07/1974	H4	87.0mm x 66.6mm	
	126/A 1584cc Flat4 OHV 2v	08/1963 - 07/1991	H4	85.5mm x 69.0mm	
	311 1584cc Flat4 OHV 2v	01/1960 - 12/1992	H4	85.5mm x 69.0mm	
	ACD 1584cc Flat4 OHV 2v	10/1992 - On	H4	85.5mm x 69.0mm	
	AD 1584cc Flat4 OHV 2v	07/1970 - 07/1973	H4	85.5mm x 69.0mm	
	AM 1584cc Flat4 OHV 2v	03/1973 - 09/1974	H4	85.5mm x 69.0mm	
	AS 1584cc Flat4 OHV 2v	08/1973 - 01/1980	H4	85.5mm x 69.0mm	
	H 1493cc Flat4 OHV 2v	01/1960 - 12/1992	H4	83.0mm x 69.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2451A STD, 010, 020, 030, 040, 060		54.971/2.1642	57.800/2.2756	1.397/.0550	17.60/.693	F810	2451A
		54.991/2.1650	57.818/2.2763				IH
PISTON PIN BUSH							
RB4007 UNB		21.994/.8659	23.993/.9446	1.120/.0441	23.24/.915	F100	RB4007
		22.000/.8661	24.005/.9451				

119	Engine	Year	Cyl	Bore x Stroke	119
	021 1679cc Flat4 OHV 2v	01/1968 - 12/1969	H4	90.0mm x 66.0mm	
	022 1679cc Flat4 OHV 2v	08/1969 - 07/1974	H4	90.0mm x 66.0mm	
	127 1795cc Flat4 OHV 2v	02/1974 - 01/1986	H4	93.0mm x 66.0mm	
	AP 1795cc Flat4 OHV 2v	08/1973 - 07/1975	H4	93.0mm x 66.0mm	
	AT 1795cc Flat4 OHV 2v	08/1973 - 12/1975	H4	93.0mm x 66.0mm	
	CA 1679cc Flat4 OHV 2v	08/1971 - 12/1973	H4	90.0mm x 66.0mm	
	W 1679cc Flat4 OHV 2v	01/1969 - 12/1973	H4	90.0mm x 66.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2456P STD, 010, 020, 030, 040		54.975/2.1644	57.800/2.2756	1.389/.0547	20.06/.790	F780	2456
		54.996/2.1652	57.818/2.2763				IH
PISTON PIN BUSH							
RB4042 UNB		24.000/.9449	26.500/1.0433	1.380/.0543	26.00/1.024	F100	RB4042
		24.000/.9449	26.500/1.0433				

120	Engine	Year	Cyl	Bore x Stroke	120
	039 1971cc Flat4 OHV 2v	01/1969 - 02/1976	H4	94.0mm x 71.0mm	
	CJ 1971cc Flat4 OHV 2v	08/1975 - 12/1980	H4	94.0mm x 71.0mm	
	CU 1971cc Flat4 OHV 2v	05/1979 - 12/1983	H4	94.0mm x 71.0mm	
	CV 1971cc Flat4 OHV 2v	05/1979 - 12/1982	H4	94.0mm x 71.0mm	
	GB 1971cc Flat4 OHV 2v	01/1972 - 12/1975	H4	94.0mm x 71.0mm	
	GE 1971cc Flat4 OHV 2v	08/1976 - 06/1979	H4	94.0mm x 71.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2450P STD, 010, 020, 030, 040		49.982/1.9678	52.799/2.0787	1.390/.0547	20.06/.790	F780	2450
		49.995/1.9683	52.812/2.0792				IH
PISTON PIN BUSH							
RB4042 UNB		24.000/.9449	26.500/1.0433	1.380/.0543	26.00/1.024	F100	RB4042
		24.000/.9449	26.500/1.0433				

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121	Engine	Year	Cyl	Bore x Stroke	121
	DF 1915cc Flat4 OHV 2v	08/1982 - 07/1992	H4	94.0mm x 69.0mm	
	DG 1915cc Flat4 OHV 2v	08/1982 - 07/1992	H4	94.0mm x 69.0mm	
	DH 1915cc Flat4 OHV 2v	01/1983 - 11/1986	H4	94.0mm x 69.0mm	
	DJ 2095cc Flat4 OHV 2v	08/1984 - 07/1992	H4	94.0mm x 76.0mm	
	GW 1915cc Flat4 OHV 2v	08/1983 - 07/1985	H4	94.0mm x 69.0mm	
	MV 2095cc Flat4 OHV 2v	08/1985 - 12/1992	H4	94.0mm x 76.0mm	
	SR 2095cc Flat4 OHV 2v	08/1986 - 07/1992	H4	94.0mm x 76.0mm	
	SS 2095cc Flat4 OHV 2v	08/1989 - 07/1992	H4	94.0mm x 76.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B2451A STD, 010, 020, 030, 040, 060		54.971/2.1642	57.800/2.2756	1.397/.0550	17.60/.693	F810	2451A
		54.991/2.1650	57.818/2.2763				IH

122	Engine	Year	Cyl	Bore x Stroke	122
	ARL 1896cc Inline4 SOHC 2v Turbo Diesel	09/2000 - 05/2006	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B5538D STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D
		50.878/2.0031	53.712/2.1146				U
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				L

CONROD							
4B5538P STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				IH

MAINS							
5M5540A STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A
		53.978/2.1251	59.012/2.3233				UL

MAINS							
5M5540P STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540
		53.978/2.1251	59.012/2.3233				UL

THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL

CAMS							
5C7004 STD	1,2,3,4,5	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				

PISTON PIN BUSH <i>Set of 4.</i>							
4RB4167 UNB			27.000/1.0630		25.00/.984	F100	4RB4167
			27.021/1.0638				

PISTON PIN BUSH							
RB4167 UNB			27.000/1.0630		25.00/.984	F100	RB4167
			27.021/1.0638				

123	Engine	Year	Cyl	Bore x Stroke	123
	ASZ 1896cc Inline4 SOHC 2v Turbo Diesel	04/2001 - On	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
4B5538D STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D
		50.878/2.0031	53.712/2.1146				U
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				L

CONROD							
4B5538P STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				IH

MAINS							
5M5540A STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A
		53.978/2.1251	59.012/2.3233				UL



123 Continued ...							123
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M5540P STD, .25, .50	MAINS 1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.012/2.3233	2.501/.0985	18.50/.728	F780	5540 UL
	THRUST				1.98/.078	F817	1644T UL
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819				
5C7004 STD	CAMS 1,2,3,4,5	28.947/1.1396 28.960/1.1402	32.000/1.2598 32.025/1.2608	1.513/.0596	25.00/.984	F780	7004
	AUX 1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
2B57006 UNB	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
	PISTON PIN BUSH	Set of 4.	27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4167
4RB4167 UNB							
4RB4168	PISTON PIN BUSH	Set of 4.	29.000/1.1417 29.052/1.1438		25.00/.984	F100	4RB4168
RB4167 UNB	PISTON PIN BUSH		27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4167
RB4168 UNB	PISTON PIN BUSH		29.000/1.1417 29.052/1.1438		25.00/.984	F100	RB4168

124 Engine	Year	Cyl	Bore x Stroke	124
BLT 1896cc Inline4 SOHC 2v Turbo Diesel	05/2004 - On	L4	79.5mm x 95.5mm	
CBHA 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	81.0mm x 95.5mm	
CBJB 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	81.0mm x 95.5mm	
CBKA 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5538D STD, .25, .50	CONROD	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L
		50.878/2.0031	53.712/2.1146				
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D U
		50.878/2.0031	53.712/2.1146				
4B5538P STD, .25, .50	CONROD	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH
		50.878/2.0031	53.712/2.1146				
5M5540A STD, .25, .50	MAINS 1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.012/2.3233	2.501/.0985	18.50/.728	F810	5540A UL
	MAINS 1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.012/2.3233	2.501/.0985	18.50/.728	F780	5540 UL
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	CAMS 1,2,3,4,5	28.947/1.1396 28.960/1.1402	32.000/1.2598 32.025/1.2608	1.513/.0596	25.00/.984	F780	7004

125 Engine				Year	Cyl	Bore x Stroke	125	
BRR 1896cc Inline4 SOHC 2v Turbo Diesel				01/2006 - 11/2009	L4	79.5mm x 95.5mm		
BRS 1896cc Inline4 SOHC 2v Turbo Diesel				06/2006 - 11/2009	L4	79.5mm x 95.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
4B5538D STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L	
		50.878/2.0031	53.712/2.1146					
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D U	
		50.878/2.0031	53.712/2.1146					
CONROD								
4B5538P STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH	
		50.878/2.0031	53.712/2.1146					
MAINS <i>Half Groove Set. Requires thrustwashers.</i>								
5M1653A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
MAINS <i>Half Groove Set. Requires thrustwashers.</i>								
5M1653P STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
		53.978/2.1251	59.019/2.3236					
MAINS								
5M5540A STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL	
		53.978/2.1251	59.012/2.3233					
MAINS								
5M5540P STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL	
		53.978/2.1251	59.012/2.3233					
THRUST								
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
CAMS								
5C7004 STD	1,2,3,4,5	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004	
		28.960/1.1402	32.025/1.2608					
AUX								
2B57006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
		2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
			41.975/1.6526	45.025/1.7726				

126 Engine				Year	Cyl	Bore x Stroke	126
AXR 1896cc Inline4 SOHC 2v Turbo Diesel				05/2001 - On	L4	79.5mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B5537D STD, .25, .50		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
CONROD							
4B5537P STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					
MAINS							
5M5540A STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				
MAINS							
5M5540P STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				



126 Continued ...							126
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5C7004 STD	CAMS 1,2,3,4,5	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
4RB4168	PISTON PIN BUSH	Set of 4.	29.000/1.1417	25.00/.984	F100	4RB4168	
			29.052/1.1438				
RB4168 UNB	PISTON PIN BUSH		29.000/1.1417	25.00/.984	F100	RB4168	
			29.052/1.1438				

127 Engine				Year	Cyl	Bore x Stroke	127
AVQ 1896cc Inline4 SOHC 2v Turbo Diesel				02/2003 - 05/2004	L4	79.5mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5537D STD, .25, .50	CONROD	47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
4B5537P STD, .25, .50	CONROD	50.600/1.9921	50.612/1.9926	1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					
5M5540A STD, .25, .50	MAINS 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				
5M5540P STD, .25, .50	MAINS 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740	1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819				
5C7004 STD	CAMS 1,2,3,4,5	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				

128 Engine				Year	Cyl	Bore x Stroke	128
BEW 1896cc Inline4 SOHC 2v Turbo Diesel				06/2003 - On	L4	79.5mm x 95.5mm	
BJB 1896cc Inline4 SOHC 2v Turbo Diesel				02/2004 - On	L4	79.5mm x 95.5mm	
BKC 1896cc Inline4 SOHC 2v Turbo Diesel				08/2003 - On	L4	79.5mm x 95.5mm	
BLS 1896cc Inline4 SOHC 2v Turbo Diesel				06/2005 - On	L4	79.5mm x 95.5mm	
BMT 1896cc Inline4 SOHC 2v Turbo Diesel				05/2006 - On	L4	79.5mm x 95.5mm	
BXE 1896cc Inline4 SOHC 2v Turbo Diesel				12/2005 - On	L4	79.5mm x 95.5mm	
BXF 1896cc Inline4 SOHC 2v Turbo Diesel				02/2006 - On	L4	79.5mm x 95.5mm	
BXJ 1896cc Inline4 SOHC 2v Turbo Diesel				06/2006 - On	L4	79.5mm x 95.5mm	
CAYA 1598cc Inline4 DOHC 4v Turbo Diesel				06/2009 - On	L4	79.5mm x 80.5mm	
CAYB 1598cc Inline4 DOHC 4v Turbo Diesel				02/2009 - On	L4	79.5mm x 80.5mm	
CAYC 1598cc Inline4 DOHC 4v Turbo Diesel				02/2009 - On	L4	79.5mm x 80.5mm	
CAYD 1598cc Inline4 DOHC 4v Turbo Diesel				08/2010 - On	L4	79.5mm x 80.5mm	
CAYE 1598cc Inline4 DOHC 4v Turbo Diesel				08/2010 - On	L4	79.5mm x 80.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5537D STD, .25, .50	CONROD	47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
4B5537P STD, .25, .50	CONROD	50.600/1.9921	50.612/1.9926	1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					

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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M5540A STD, .25, .50	MAINS 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				
5M5540P STD, .25, .50	MAINS 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

129 Engine Year Cyl Bore x Stroke 129

ALZ 1595cc Inline4 SOHC 2v	10/2000 - 05/2005	L4	81.0mm x 77.4mm
ANA 1595cc Inline4 SOHC 2v	07/1999 - 08/2000	L4	81.0mm x 77.4mm
AVU 1595cc Inline4 SOHC 2v	09/2000 - 04/2002	L4	81.0mm x 77.4mm
AYD 1595cc Inline4 SOHC 2v	06/2000 - On	L4	81.0mm x 77.4mm
BFQ 1595cc Inline4 SOHC 2v	05/2002 - 06/2006	L4	81.0mm x 77.4mm
BFS 1595cc Inline4 SOHC 2v	06/2002 - On	L4	81.0mm x 77.4mm
BGU 1595cc Inline4 SOHC 2v	07/2003 - 07/2007	L4	81.0mm x 77.4mm
BSE 1595cc Inline4 SOHC 2v	05/2005 - On	L4	81.0mm x 77.4mm
BSF 1595cc Inline4 SOHC 2v	05/2005 - On	L4	81.0mm x 77.4mm
CCSA 1598cc Inline4 SOHC 2v	07/2005 - On	L4	76.5mm x 86.9mm
CMXA 1595cc Inline4 SOHC 2v	05/2010 - On	L4	81.0mm x 77.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B5531A STD, .25, .50	CONROD	41.965/1.6522	45.000/1.7717	1.507/.0593	19.00/.748	F810	5531A UL
		41.980/1.6528	45.016/1.7723				
4B5531P STD, .25, .50	CONROD	41.965/1.6522	45.000/1.7717	1.507/.0593	19.00/.748	F780	5531 UL
		41.980/1.6528	45.016/1.7723				
5M5533A STD, .25, .50	MAINS 1,2,3,4,5	<i>Half groove in all positions.</i>		2.508/.0987	18.50/.728	F810	5533A UL
		47.958/1.8881	53.000/2.0866				
2T5533 STD	THRUST	53.500/2.1063	65.550/2.5807		2.48/.097	F817	5533T UL
		53.750/2.1161	65.800/2.5905				

130 Engine Year Cyl Bore x Stroke 130

AGZ 2324cc V5 DOHC 2v	09/1997 - 06/2001	V5	81.0mm x 90.2mm
AQN 2324cc V5 DOHC 5v	09/2000 - On	V5	81.0mm x 90.2mm
AZX 2324cc V5 DOHC 4v	01/2001 - 05/2005	V5	81.0mm x 90.2mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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5B5530A STD, .25, .50	CONROD	53.958/2.1243	56.800/2.2362	1.404/.0553	17.00/.669	F810	5530A IH
		53.978/2.1251	56.819/2.2370				
6M5532A STD, .25, .50	MAINS 1,2,3,4,5,6	59.958/2.3605	65.000/2.5591	2.501/.0985	17.00/.669	F810	5532A UL
		59.978/2.3613	65.010/2.5594				
2T5532 STD	THRUST	65.450/2.5768	79.760/3.1402		1.72/.068	F817	5532T U
		65.690/2.5862	80.000/3.1496				
1BS7006 UNB	AUX	<i>For Front position only.</i>			15.00/.591	F23	7006
		42.959/1.6913	46.000/1.8110				
1BS7009 UNB	AUX	<i>For Rear position only.</i>			20.00/.787	F100	7009
		14.473/.5698	17.500/.6890				
		14.484/.5702	17.518/.6897				



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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH							
RB4140 UNB			23.000/.9055 23.052/.9076	1.800/.0709	20.00/.787	F100	RB4140

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Engine	Year	Cyl	Bore x Stroke
AAA 2792cc V6 DOHC 2v	06/1991 - On	V6	81.0mm x 90.3mm
ABV 2861cc V6 DOHC 2v	10/1984 - 12/1997	V6	82.0mm x 90.3mm
AES 2792cc V6 DOHC 2v	01/1996 - 05/2000	V6	81.0mm x 90.3mm
AMV 2792cc V6 DOHC 4v	05/2000 - 09/2003	V6	81.0mm x 90.3mm
AQP 2792cc V6 DOHC 4v	05/1999 - 05/2000	V6	81.0mm x 90.3mm
AUE 2792cc V6 DOHC 4v	01/2000 - 04/2002	V6	81.0mm x 90.3mm
AXJ 3189cc V6 DOHC 4v	10/2000 - 05/2001	V6	84.0mm x 95.9mm
AYL 2792cc V6 DOHC 4v	04/2000 - On	V6	81.0mm x 90.3mm
AYT 3189cc V6 DOHC 4v	05/2002 - 05/2005	V6	84.0mm x 95.9mm
AZZ 3189cc V6 DOHC 4v	11/2002 - 05/2004	V6	84.0mm x 95.9mm
BAA 3189cc V6 DOHC 4v	08/2003 - 05/2004	V6	84.0mm x 95.9mm
BDE 2792cc V6 DOHC 4v	05/2001 - 06/2005	V6	81.0mm x 90.3mm
BDL 3189cc V6 DOHC 4v	02/2004 - 11/2009	V6	84.0mm x 95.9mm
BFH 3189cc V6 DOHC 4v	06/2002 - 05/2004	V6	84.0mm x 95.9mm
BKJ 3189cc V6 DOHC 4v	05/2003 - 05/2004	V6	84.0mm x 95.9mm
BKK 3189cc V6 DOHC 4v	02/2004 - 11/2009	V6	84.0mm x 95.9mm
BKL 3189cc V6 DOHC 4v	08/2003 - 10/2008	V6	84.0mm x 95.9mm
BML 3189cc V6 DOHC 4v	10/2003 - 06/2006	V6	84.0mm x 95.9mm
BMV 3189cc V6 DOHC 4v	05/2004 - 11/2006	V6	84.0mm x 95.9mm
BMX 3189cc V6 DOHC 4v	05/2004 - 11/2006	V6	84.0mm x 95.9mm
BRJ 3189cc V6 DOHC 4v	05/2004 - 05/2006	V6	84.0mm x 95.9mm
BRK 3189cc V6 DOHC 4v	05/2004 - 10/2008	V6	84.0mm x 95.9mm
BUB 3189cc V6 DOHC 4v	11/2005 - On	V6	84.0mm x 95.9mm
CBRA 3189cc V6 DOHC 4v	05/2007 - On	V6	84.0mm x 95.9mm
CFLA 3189cc V6 DOHC 4v	11/2003 - 11/2009	V6	84.0mm x 95.9mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B5530A STD, .25, .50		53.958/2.1243 53.978/2.1251	56.800/2.2362 56.819/2.2370	1.404/.0553	17.00/.669	F810	5530A IH
RACE SERIES							
6B5530H STD, .025, .25		53.958/2.1243 53.978/2.1251	56.800/2.2362 56.819/2.2370	1.404/.0553	17.00/.669	F781	5530H IH
RACE SERIES							
6B5530HX STD				1.391/.0548	17.00/.669	F781	5530HX IH
MAINS							
7M5532A STD, .25, .50	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.501/.0985	17.00/.669	F810	5532A UL
RACE SERIES							
7M5532H STD, .025, .25	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.501/.0985	17.00/.669	F780	5532H UL
RACE SERIES							
7M5532HX STD	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.488/.0980	17.00/.669	F780	5532HX UL
THRUST							
2T5532 STD		65.450/2.5768 65.690/2.5862	79.760/3.1402 80.000/3.1496		1.72/.068	F817	5532T U
AUX							
1B57006 UNB		42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006

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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
AUX <i>For Rear position only.</i>							
1BS7009 UNB		14.473/.5698 14.484/.5702	17.500/.6890 17.518/.6897		20.00/.787	F100	7009
PISTON PIN BUSH							
RB4140 UNB			23.000/.9055 23.052/.9076	1.800/.0709	20.00/.787	F100	RB4140

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Engine	Year	Cyl	Bore x Stroke
AXZ 3168cc V6 DOHC 4v	11/2005 - On	V6	89.0mm x 90.9mm
BHK 3597cc V6 DOHC 4v	10/2005 - On	V6	89.0mm x 96.4mm
BLV 3597cc V6 DOHC 4v	05/2004 - On	V6	89.0mm x 96.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
6B5530A STD, .25, .50		53.958/2.1243 53.978/2.1251	56.800/2.2362 56.819/2.2370	1.404/.0553	17.00/.669	F810	5530A IH
RACE SERIES							
6B5530H STD, .025, .25		53.958/2.1243 53.978/2.1251	56.800/2.2362 56.819/2.2370	1.404/.0553	17.00/.669	F781	5530H IH
RACE SERIES							
6B5530HX STD		53.958/2.1243 53.978/2.1251	56.800/2.2362 56.819/2.2370	1.391/.0548	17.00/.669	F781	5530HX IH
MAINS							
7M5532A STD, .25, .50	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.501/.0985	17.00/.669	F810	5532A UL
RACE SERIES							
7M5532H STD, .025, .25	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.501/.0985	17.00/.669	F780	5532H UL
RACE SERIES							
7M5532HX STD	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.488/.0980	17.00/.669	F780	5532HX UL
THRUST							
2T5532 STD		65.450/2.5768 65.690/2.5862	79.760/3.1402 80.000/3.1496		1.72/.068	F817	5532T U
PISTON PIN BUSH							
RB4140 UNB			23.000/.9055 23.052/.9076	1.800/.0709	20.00/.787	F100	RB4140

133 Engine **133**

Engine	Year	Cyl	Bore x Stroke
BWS 3597cc V6 DOHC 4v	04/2007 - On	V6	89.0mm x 96.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS							
7M5532A STD, .25, .50	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.501/.0985	17.00/.669	F810	5532A UL
RACE SERIES							
7M5532H STD, .025, .25	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.501/.0985	17.00/.669	F780	5532H UL
RACE SERIES							
7M5532HX STD	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.488/.0980	17.00/.669	F780	5532HX UL
THRUST							
2T5532 STD		65.450/2.5768 65.690/2.5862	79.760/3.1402 80.000/3.1496		1.72/.068	F817	5532T U



134 Engine		Year		Cyl	Bore x Stroke		134
HT 1781cc Inline4 SOHC 2v		01/1985 - 07/1985		L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has plain shells. Suits until 12/85.</i>							
4B1076A STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	1076A
		47.778/1.8810	50.619/1.9929				IH
CONROD <i>Has plain shells. Suits until 12/85.</i>							
4B1076P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	1076
		47.778/1.8810	50.619/1.9929				IH
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
MAINS <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				L
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H
		53.978/2.1251	59.019/2.3236				L
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236				L
MAINS <i>0.001" extra oil clearance on STD journal.</i>							
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX
		53.978/2.1251	59.019/2.3236				L
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236				L
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
AUX							
2B57006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
PISTON PIN BUSH <i>Set of 4. Has 6.5mm oil hole and part groove.</i>							
4RB4170 UNB			23.000/.9055		25.00/.984	F100	4RB4170
			23.052/.9076				

134 Continued ... 134

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171
RB4170 UNB	PISTON PIN BUSH	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	RB4170
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171

135 Engine Year Cyl Bore x Stroke 135

AFZ 999cc Inline4 SOHC 2v	07/1997 - 05/2002	L4	67.1mm x 70.6mm
ASF 999cc Inline4 SOHC 2v	09/1998 - 05/2005	L4	67.1mm x 70.6mm
AT512 999cc Inline4 DOHC 4v Turbo	06/2000 - 05/2002	L4	67.1mm x 70.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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5M1653A STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
5M1653P STD, .25, .50, .75, 1.00	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
4RB4174 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174
RB4174 UNB	PISTON PIN BUSH			20.000/.7874 20.033/.7887	20.50/.807	F100	RB4174

136 Engine Year Cyl Bore x Stroke 136

AQX 1781cc Inline4 DOHC 5v Turbo	12/1999 - 10/2000	L4	81.0mm x 86.4mm
AYP 1781cc Inline4 DOHC 5v Turbo	09/2000 - 08/2002	L4	81.0mm x 86.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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4B5539D STD, .25, .50	CONROD	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 L
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F781	5539D U
4B5539P STD, .25, .50	CONROD	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 IH
5M1668A STD, .25, .50, .75	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171



136 Continued ...							136
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH		<i>Has 3mm oil hole and full groove.</i>					
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171
137 Engine			Year	Cyl	Bore x Stroke	137	
ARR 1390cc Inline4 DOHC 4v			09/2000 - 11/2003	L4	76.5mm x 75.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES		CONROD <i>Has one oil hole and no notch.</i>					
4B1609H STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES		CONROD <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
4B1609HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
4B1609P STD, .25, .50, .75, 1.00		CONROD <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
4RB4174 UNB		PISTON PIN BUSH <i>Set of 4.</i>		20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174
RB4174 UNB		PISTON PIN BUSH		20.000/.7874 20.033/.7887	20.50/.807	F100	RB4174
138 Engine			Year	Cyl	Bore x Stroke	138	
1E 2383cc Inline6 SOHC 2v			08/1988 - 12/1995	L6	76.5mm x 86.4mm		
1G 2383cc Inline6 SOHC 2v Turbo Diesel			08/1988 - 07/1992	L6	76.5mm x 86.4mm		
1S 2383cc Inline6 SOHC 2v Diesel			08/1988 - 12/1995	L6	76.5mm x 86.4mm		
751 2383cc Inline6 SOHC 2v Diesel			09/1983 - 06/1993	L6	76.5mm x 86.4mm		
752 2383cc Inline6 SOHC 2v Turbo Diesel			09/1983 - 06/1993	L6	76.5mm x 86.4mm		
ACL 2383cc Inline6 SOHC 2v Turbo Diesel			08/1991 - 12/1995	L6	76.5mm x 86.4mm		
ACT 2383cc Inline6 SOHC 2v Diesel			08/1992 - 12/1995	L6	76.5mm x 86.4mm		
CP 2383cc Inline6 SOHC 2v Diesel			08/1978 - 11/1982	L6	76.5mm x 86.4mm		
DL 2383cc Inline6 SOHC 2v			08/1982 - 07/1992	L6	76.5mm x 86.4mm		
DV 2383cc Inline6 SOHC 2v Turbo Diesel			12/1982 - 07/1992	L6	76.5mm x 86.4mm		
DW 2383cc Inline6 SOHC 2v Diesel			12/1982 - 07/1992	L6	76.5mm x 86.4mm		
HS 2383cc Inline6 SOHC 2v			01/1983 - 12/1985	L6	76.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B5534A STD, .25, .50, .75, 1.00		CONROD					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
6B5534P STD, .25, .50, .75, 1.00		CONROD					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH
7M1604A STD, .25, .50, .75, 1.00		MAINS <i>Requires thrustwashers.</i>					
	1,2,3,4,5,6,7	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
7M1604P STD, .25, .50, .75, 1.00		MAINS <i>Requires thrustwashers.</i>					
	1,2,3,4,5,6,7	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
7M1605A STD, .25, .50, .75, 1.00		MAINS <i>Set contains flanged thrust bearing.</i>					
	1,2,3,5,6,7	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	4	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.982	F810	1605A(F) UL

138 Continued ...							138
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS		<i>Set contains flanged thrust bearing.</i>					
7M1605P STD, .25, .50, .75, 1.00	1,2,3,5,6,7	57.958/2.2818	63.000/2.4803	2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				
	4	57.958/2.2818	63.000/2.4803	2.500/.0984	24.93/.981	F780	1605(F) UL
		57.978/2.2826	63.019/2.4811				
THRUST							
2T1604 STD		63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
THRUST							
2T1614 STD		63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
PISTON PIN BUSH		<i>Set of 6.</i>					
6RB4172 UNB			27.000/1.0630		25.00/.984	F100	6RB4172
			27.021/1.0638				
PISTON PIN BUSH							
RB4172 UNB			27.000/1.0630		25.00/.984	F100	RB4172
			27.021/1.0638				

139 Engine				Year	Cyl	Bore x Stroke	139
ANY 1191cc Inline3 SOHC 2v Turbo Diesel				06/1999 - 11/2000	L3	76.5mm x 86.4mm	
AYZ 1191cc Inline3 SOHC 2v Turbo Diesel				11/2000 - 07/2005	L3	76.5mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
3B5537D STD, .25, .50		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				
CONROD							
3B5537P STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					
CAMS							
4C7004 STD	1,2,3,4	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
AUX		<i>Rocker Arm Bush</i>					
1BS7010 UNB		31.984/1.2592	35.000/1.3780		22.00/.866	F810	7010
		32.000/1.2598	35.025/1.3789				
AUX		<i>Rocker Arm Bush</i>					
1BS7011 UNB		31.984/1.2592	35.000/1.3780		22.00/.866	F810	7010
		32.000/1.2598	35.025/1.3789				

140 Engine				Year	Cyl	Bore x Stroke	140
AMF 1422cc Inline3 SOHC 2v Turbo Diesel				05/1999 - 07/2006	L3	79.5mm x 95.5mm	
ATL 1422cc Inline3 SOHC 2v Turbo Diesel				01/2000 - 04/2000	L3	79.5mm x 95.5mm	
BAY 1422cc Inline3 SOHC 2v Turbo Diesel				11/2001 - 07/2006	L3	79.5mm x 95.5mm	
BMS 1422cc Inline3 SOHC 2v Turbo Diesel				04/2005 - 11/2009	L3	79.5mm x 95.5mm	
BNM 1422cc Inline3 SOHC 2v Turbo Diesel				04/2005 - On	L4	79.5mm x 95.5mm	
BNV 1422cc Inline3 SOHC 2v Turbo Diesel				04/2005 - 11/2009	L3	79.5mm x 95.5mm	
BWB 1422cc Inline3 SOHC 2v Turbo Diesel				05/2006 - On	L3	79.5mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
3B5537D STD, .25, .50		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
CONROD							
3B5537P STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					



140 Continued ...							140
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4M5552A STD, .25, .50	MAINS 1,2,3,4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	5552A UL
		53.978/2.1251	59.019/2.3236				
2T5535 STD	THRUST	59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T UL
		59.750/2.3524	71.800/2.8268				
4C7004 STD	CAMS 1,2,3,4	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
1BS7010 UNB	AUX	<i>Rocker Arm Bush</i>			22.00/.866	F810	7010
		31.984/1.2592	35.000/1.3780				
1BS7011 UNB	AUX	<i>Rocker Arm Bush</i>			22.00/.866	F810	7010
		32.000/1.2598	35.025/1.3789				

141 Engine				Year	Cyl	Bore x Stroke	141		
ANM 1390cc Inline4 DOHC 4v				05/1999 - 05/2000	L4	76.5mm x 75.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B1615A STD, .25, .50, .75	CONROD	<i>Bearing has no locating notch.</i>							
		47.758/1.8802	50.600/1.9921	1.405/.0553	18.50/.728	F810	1615A IH		
47.778/1.8810	50.619/1.9929								
2BS7006 UNB	AUX	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
			42.975/1.6919	46.025/1.8120					
			2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
				41.975/1.6526	45.025/1.7726				

142 Engine				Year	Cyl	Bore x Stroke	142
EN 1716cc Inline4 SOHC 2v				08/1980 - 07/1984	L4	79.5mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
47.778/1.8810	50.619/1.9929						
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
47.778/1.8810	50.619/1.9929						
4B5534A STD, .25, .50, .75, 1.00	CONROD	<i>No Hole. To be superceded by 4B1606A.</i>					
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A IH
47.778/1.8810	50.619/1.9929						
4B5534P STD, .25, .50, .75, 1.00	CONROD	<i>No Hole. To be superceded by 4B1606P.</i>					
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534 IH
47.778/1.8810	50.619/1.9929						
5M1653A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	53.958/2.1243	59.000/2.3228	2.502/.0985				
	53.978/2.1251	59.019/2.3236					
	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
53.958/2.1243		59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
53.978/2.1251		59.019/2.3236					
53.958/2.1243	59.000/2.3228	2.502/.0985					18.50/.728
53.978/2.1251	59.019/2.3236						
2T1644 STD	THRUST		59.500/2.3425	73.000/2.8740		1.98/.078	
		59.700/2.3504	73.200/2.8819				

Volkswagen



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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CAMS							
5C7008 STD	1,2,3,4,5	25.939/1.0212	28.250/1.1122	1.138/.0448	17.00/.669	F820	7008
		25.960/1.0220	28.271/1.1130				

143 Engine 143

Engine				Year	Cyl	Bore x Stroke	
FB 1471cc Inline4 SOHC 2v				02/1974 - 04/1974	L4	76.5mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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CONROD							
<i>Has plain shells.</i>							
4B1636A STD, .25, .50, .75, 1.00		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A IH
		45.970/1.8098	49.016/1.9298				

CONROD							
<i>Has plain shells.</i>							
4B1636P STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F780	1636 IH
		45.970/1.8098	49.016/1.9298				

MAINS							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							

5M1643A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F) UL
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				

MAINS							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							

5M1643P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
		53.978/2.1251	59.019/2.3236				
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F) UL
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 L
		53.978/2.1251	59.019/2.3236				

MAINS							
<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>							

5M1645A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F) UL
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				

MAINS							
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							

5M1654A STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F) UL
		53.978/2.1251	59.019/2.3236				

MAINS							
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							

5M1654P STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1654(F) UL
		53.978/2.1251	59.019/2.3236				



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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5C7008 STD	CAMS						
	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008
2BS7006 UNB	AUX						
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007

144 Engine Year Cyl Bore x Stroke 144

AER 999cc Inline4 SOHC 2v	07/1996 - 05/2000	L4	67.1mm x 70.6mm
ALL 999cc Inline4 SOHC 2v	08/1997 - 05/2000	L4	67.1mm x 70.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5555A STD, .25, .50	CONROD						
		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.012/1.7721	1.505/.0593	18.50/.728	F810	5555A IH
5M5543A STD, .25, .50	MAINS						
	1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
2T1644 STD	THRUST						
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
2T5535 STD	THRUST						
		59.500/2.3425 59.750/2.3524	71.550/2.8169 71.800/2.8268		2.48/.097	F817	5535T UL
2BS7006 UNB	AUX						
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
4RB4169 UNB	PISTON PIN BUSH		Set of 4.	23.000/.9055 23.025/.9065	24.00/.945	F100	4RB4169
	PISTON PIN BUSH		Set of 4.	20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174
4RB4174 UNB	PISTON PIN BUSH		Set of 4.	20.000/.7874 20.052/.7894	20.30/.799	F100	4RB4176
	PISTON PIN BUSH			23.000/.9055 23.025/.9065	24.00/.945	F100	RB4169
4RB4176 UNB	PISTON PIN BUSH			20.000/.7874 20.033/.7887	20.50/.807	F100	RB4174
	PISTON PIN BUSH			20.000/.7874 20.052/.7894	20.30/.799	F100	RB4176
RB4169 UNB	PISTON PIN BUSH			20.000/.7874 20.033/.7887	20.50/.807	F100	RB4174
	PISTON PIN BUSH			20.000/.7874 20.052/.7894	20.30/.799	F100	RB4176
RB4174 UNB	PISTON PIN BUSH			20.000/.7874 20.033/.7887	20.50/.807	F100	RB4174
	PISTON PIN BUSH			20.000/.7874 20.052/.7894	20.30/.799	F100	RB4176
RB4176 UNB	PISTON PIN BUSH			20.000/.7874 20.033/.7887	20.50/.807	F100	RB4174
	PISTON PIN BUSH			20.000/.7874 20.052/.7894	20.30/.799	F100	RB4176

145 Engine Year Cyl Bore x Stroke 145

AHT 999cc Inline4 SOHC 2v	10/1998 - 05/2000	L4	67.1mm x 70.6mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5555A STD, .25, .50	CONROD						
		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.012/1.7721	1.505/.0593	18.50/.728	F810	5555A IH

145 Continued ... 145

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
3M5556A STD, .25, .50, .75	MAINS 1,2,3	59.971/2.3611	65.000/2.5591	2.495/.0982	24.00/.945	F810	5556A UL
		59.990/2.3618	65.016/2.5597				
4RB4176 UNB	PISTON PIN BUSH	Set of 4.	20.000/.7874	20.052/.7894	20.30/.799	F100	4RB4176
			20.052/.7894				
RB4176 UNB	PISTON PIN BUSH	Set of 4.	20.000/.7874	20.052/.7894	20.30/.799	F100	RB4176
			20.052/.7894				

146 Engine Year Cyl Bore x Stroke 146

ALD 999cc Inline4 SOHC 2v	05/1999 - 07/2005	L4	67.1mm x 70.6mm
ANV 999cc Inline4 SOHC 2v	05/1999 - 05/2000	L4	67.1mm x 70.6mm
ATE 999cc Inline4 SOHC 2v	06/2000 - On	L4	67.1mm x 70.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B5555A STD, .25, .50	CONROD	41.965/1.6522	45.000/1.7717	1.505/.0593	18.50/.728	F810	5555A IH		
		41.980/1.6528	45.012/1.7721						
5M5543A STD, .25, .50	MAINS 1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL		
		53.978/2.1251	59.019/2.3236						
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740	59.700/2.3504	73.200/2.8819	1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819						
2T5535 STD	THRUST	59.500/2.3425	71.550/2.8169	59.750/2.3524	71.800/2.8268	2.48/.097	F817	5535T UL	
		59.750/2.3524	71.800/2.8268						
2BS7006 UNB	AUX	1	42.959/1.6913	46.000/1.8110	42.975/1.6919	46.025/1.8120	15.00/.591	F23	7006
			41.959/1.6519	45.000/1.7717		45.025/1.7726	15.00/.591	F23	7007
		2	41.959/1.6519	45.000/1.7717	41.975/1.6526	45.025/1.7726	15.00/.591	F23	7007
			41.975/1.6526	45.025/1.7726					
4RB4169 UNB	PISTON PIN BUSH	Set of 4.	23.000/.9055	23.025/.9065	24.00/.945	F100	4RB4169		
			23.025/.9065						
4RB4174 UNB	PISTON PIN BUSH	Set of 4.	20.000/.7874	20.033/.7887	20.50/.807	F100	4RB4174		
			20.033/.7887						
RB4169 UNB	PISTON PIN BUSH	Set of 4.	23.000/.9055	23.025/.9065	24.00/.945	F100	RB4169		
			23.025/.9065						
RB4174 UNB	PISTON PIN BUSH	Set of 4.	20.000/.7874	20.033/.7887	20.50/.807	F100	RB4174		
			20.033/.7887						

147 Engine Year Cyl Bore x Stroke 147

AUC 999cc Inline4 SOHC 2v	10/1999 - 07/2005	L4	67.1mm x 70.6mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B5555A STD, .25, .50	CONROD	41.965/1.6522	45.000/1.7717	1.505/.0593	18.50/.728	F810	5555A IH		
		41.980/1.6528	45.012/1.7721						
5M5543A STD, .25, .50	MAINS 1,2,3,4,5	53.963/2.1245	59.007/2.3231	53.978/2.1251	59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
		53.978/2.1251	59.019/2.3236						
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740	59.700/2.3504	73.200/2.8819	1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819						



147 Continued ...							147
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
THRUST							
2T5535 STD		59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T
		59.750/2.3524	71.800/2.8268				UL
AUX							
2BS7006 UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4169 UNB			23.000/.9055		24.00/.945	F100	4RB4169
			23.025/.9065				
PISTON PIN BUSH <i>Set of 4. Has 3mm oil hole and full groove.</i>							
4RB4171 UNB			23.000/.9055		25.00/.984	F100	4RB4171
			23.021/.9063				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4174 UNB			20.000/.7874		20.50/.807	F100	4RB4174
			20.033/.7887				
PISTON PIN BUSH							
RB4169 UNB			23.000/.9055		24.00/.945	F100	RB4169
			23.025/.9065				
PISTON PIN BUSH <i>Has 3mm oil hole and full groove.</i>							
RB4171 UNB			23.000/.9055		25.00/.984	F100	RB4171
			23.021/.9063				
PISTON PIN BUSH							
RB4174 UNB			20.000/.7874		20.50/.807	F100	RB4174
			20.033/.7887				

148 Engine				Year	Cyl	Bore x Stroke	148
CKTB 1968cc Inline4 Turbo Diesel				05/2011 - On	L4	81.0mm x 95.5mm	
CKUB 1968cc Inline4 DOHC 4v Twin Turbo Diesel				10/2011 - On	L4	81.0mm x 95.5mm	
CKUB 1968cc Inline4 Turbo Diesel				07/2011 - On	L4	81.0mm x 95.5mm	
CKUC 1968cc Inline4 Turbo Diesel				10/2011 - On	L4	81.0mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS							
5M5540A STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A
		53.978/2.1251	59.012/2.3233				UL
MAINS							
5M5540P STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540
		53.978/2.1251	59.012/2.3233				UL
THRUST							
2T1644 STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL

149 Engine				Year	Cyl	Bore x Stroke	149
AXD 2461cc Inline5 SOHC 2v Turbo Diesel				04/2003 - On	L5	81.0mm x 95.5mm	
AXE 2461cc Inline5 SOHC 2v Turbo Diesel				04/2003 - On	L5	81.0mm x 95.5mm	
BAC 2461cc Inline5 SOHC 2v Turbo Diesel				01/2003 - 11/2006	L5	81.0mm x 95.5mm	
BLJ 2461cc Inline5 SOHC 2v Turbo Diesel				11/2003 - 11/2009	L5	81.0mm x 95.5mm	
BLK 2461cc Inline5 SOHC 2v Turbo Diesel				07/2003 - 11/2006	L5	81.0mm x 95.5mm	
BNZ 2461cc Inline5 SOHC 2v Turbo Diesel				01/2006 - 11/2009	L5	81.0mm x 95.5mm	
BPC 2461cc Inline5 SOHC 2v Turbo Diesel				01/2006 - 11/2009	L5	81.0mm x 95.5mm	
BPD 2461cc Inline5 SOHC 2v Turbo Diesel				01/2006 - On	L5	81.0mm x 95.5mm	
BPE 2461cc Inline5 SOHC 2v Turbo Diesel				01/2006 - On	L5	81.0mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
5B5538D STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				L

149 Continued ...							149
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B5538D STD, .25, .50	CONROD	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D U
		50.878/2.0031	53.712/2.1146				
5B5538P STD, .25, .50	MAINS	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH
		50.878/2.0031	53.712/2.1146				
6M5558P STD, .25	1,2,3,4,5,6	57.963/2.2820	64.000/2.5197	3.003/.1182	18.50/.728	F780	5558 UL
		57.978/2.2826	64.010/2.5201				
5C7004 STD	CAMS	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				

150 Engine				Year	Cyl	Bore x Stroke	150
CNKA 1598cc Inline4 DOHC 4v				01/2011 - On	L4	76.5mm x 86.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5542A STD, .25, .50, .75	CONROD	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
5M5543A STD, .25, .50	MAINS	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
		53.978/2.1251	59.019/2.3236				
2T5535 STD	THRUST	59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T UL
		59.750/2.3524	71.800/2.8268				

151 Engine				Year	Cyl	Bore x Stroke	151
CAVA 1390cc Inline4 DOHC 4v Turbo				05/2008 - On	L4	76.5mm x 75.6mm	
CAVE 1390cc Inline4 DOHC 4v Turbo				05/2010 - 05/2012	L4	76.5mm x 75.6mm	
CAXA 1390cc Inline4 DOHC 4v Turbo				05/2007 - On	L4	76.5mm x 75.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5542A STD, .25, .50, .75	CONROD	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
5M5543A STD, .25, .50	MAINS	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
		53.978/2.1251	59.019/2.3236				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

152 Engine				Year	Cyl	Bore x Stroke	152
CNWA 1390cc Inline4 DOHC 4v Turbo				07/2008 - On	L4	76.5mm x 75.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B5542A STD, .25, .50, .75	CONROD	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				



153 Engine		Year	Cyl	Bore x Stroke	153				
CGGA 1390cc Inline4 DOHC 4v		10/2008 - On	L4	76.5mm x 75.6mm					
CGGB 1390cc Inline4 DOHC 4v		06/2009 - On	L4	76.5mm x 75.6mm					
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
CONROD									
4B5542A STD, .25, .50, .75		47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A		
		47.778/1.8810	50.612/1.9926				IH		
154 Engine		Year	Cyl	Bore x Stroke	154				
CFWA 1199cc Inline3 DOHC 4v Turbo Diesel		10/2009 - On	L3	79.5mm x 80.5mm					
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
CONROD									
3B5537D STD, .25, .50		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537		
		47.778/1.8810	50.612/1.9926				L		
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D		
		47.778/1.8810	50.612/1.9926				U		
CONROD									
3B5537P STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537		
		47.778/1.8810					IH		
THRUST									
2T5535 STD		59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T		
		59.750/2.3524	71.800/2.8268				UL		
155 Engine		Year	Cyl	Bore x Stroke	155				
1H 1781cc Inline4 SOHC 2v Turbo		08/1988 - 07/1989	L4	81.0mm x 86.4mm					
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
CONROD									
4B1606A STD, .25, .50, .75, 1.00, 1.50		<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A		
		47.758/1.8802	50.600/1.9921				IH		
RACE SERIES		<i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H		
		47.778/1.8810	50.619/1.9929				IH		
RACE SERIES		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX		
		47.778/1.8810	50.619/1.9929				IH		
CONROD									
4B1606P STD, .25, .50, .75, 1.00		<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606		
		47.758/1.8802	50.600/1.9921				IH		
2T1604 STD		63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T		
		63.750/2.5098	77.450/3.0492				UL		
THRUST									
2T1614 STD		63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T		
		63.750/2.5098	77.200/3.0394				UL		

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156	Engine	Year	Cyl	Bore x Stroke	156
	BJJ 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	81.0mm x 95.5mm	
	BJK 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	81.0mm x 95.5mm	
	BJL 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	81.0mm x 95.5mm	
	BJM 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	81.0mm x 95.5mm	
	CEBA 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	81.0mm x 95.5mm	
	CEBB 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	81.0mm x 95.5mm	
	CECA 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	81.0mm x 95.5mm	
	CECB 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
5B5538D STD, .25, .50		50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146	1.404/.0553	20.40/.803	F780	5538 L
		50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146	1.404/.0553	20.40/.803	F781	5538D U
	CONROD						
5B5538P STD, .25, .50		50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146	1.404/.0553	20.40/.803	F780	5538 IH
	MAINS <i>Requires thrustwashers.</i>						
6M1604A STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	MAINS <i>Requires thrustwashers.</i>						
6M1604P STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
	THRUST						
2T1604 STD		63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
	THRUST						
2T1614 STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL

157	Engine	Year	Cyl	Bore x Stroke	157
	ACK 2771cc V6 DOHC 5v	05/1997 - 12/1998	V6	82.5mm x 86.4mm	
	AGE 2771cc V6 DOHC 5v	05/1997 - 09/1999	V6	82.5mm x 86.4mm	
	ALG 2771cc V6 DOHC 5v	06/1997 - 12/1998	V6	82.5mm x 86.4mm	
	AMX 2771cc V6 DOHC 5v	10/2000 - 05/2005	V6	82.5mm x 86.4mm	
	APR 2771cc V6 DOHC 5v	01/1999 - 02/2001	V6	82.5mm x 86.4mm	
	AQD 2771cc V6 DOHC 5v	01/1999 - 08/2000	V6	82.5mm x 86.4mm	
	ATQ 2771cc V6 DOHC 5v	10/2000 - 05/2005	V6	82.5mm x 86.4mm	
	ATX 2771cc V6 DOHC 5v	09/1999 - 08/2000	V6	82.5mm x 86.4mm	
	BBG 2771cc V6 DOHC 5v	10/2000 - 05/2005	V6	82.5mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	CONROD						
6B5546A STD, .25, .50		49.978/1.9676 49.958/1.9668	53.216/2.0951 53.200/2.0945	1.606/.0632	17.00/.669	F810	5546A IH
	CONROD						
6B5546P STD, .25, .50		53.958/2.1243 53.978/2.1251	57.600/2.2677 57.612/2.2682	1.806/.0711	17.00/.669	F780	5546 IH
	MAINS <i>Bearings have 4 slots.</i>						
4M5547P STD, .25, .50	1,2,3,4	64.459/2.5378 64.478/2.5385	70.000/2.7559 70.019/2.7566	2.758/.1086	18.50/.728	F780	5547 UL
	MAINS <i>Bearings have one oil hole.</i>						
4M5548P STD, .25, .50	1,2,3,4	64.959/2.5574 64.978/2.5582	70.000/2.7559 70.019/2.7566	2.508/.0987	18.50/.728	F780	5548 UL
	THRUST						
2T5547 STD		70.500/2.7756 70.750/2.7854	84.650/3.3327 84.900/3.3425		1.97/.077	F817	5547T UL



157 Continued ...							157
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
PISTON PIN BUSH <i>Set of 6.</i>							
6RB4175 UNB		20.995/.8266	23.000/.9055		22.00/.866	F100	6RB4175
		21.000/.8268	23.021/.9063				
PISTON PIN BUSH							
RB4175 UNB		20.995/.8266	23.000/.9055		22.00/.866	F100	RB4175
		21.000/.8268	23.021/.9063				
158 Engine				Year	Cyl	Bore x Stroke	158
AWY 1198cc Inline3 SOHC 2v				01/2002 - 05/2004	L3	76.5mm x 86.9mm	
AZQ 1198cc Inline3 DOHC 4v				11/2001 - 05/2004	L3	76.5mm x 86.9mm	
BBM 1198cc Inline3 SOHC 2v				05/2007 - On	L3	76.5mm x 86.9mm	
BMD 1198cc Inline3 SOHC 2v				05/2004 - On	L3	76.5mm x 86.9mm	
BME 1198cc Inline3 DOHC 4v				11/2004 - 07/2007	L3	76.5mm x 86.9mm	
BZG 1198cc Inline3 DOHC 4v				05/2007 - On	L3	76.5mm x 86.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
3B5560A STD, .25, .50, .75, 1.00		41.975/1.6526	45.000/1.7717	1.500/.0591	15.00/.591	F810	5560A IH
		41.990/1.6531	45.012/1.7721				
159 Engine				Year	Cyl	Bore x Stroke	159
BKG 1390cc Inline4 DOHC 4v				10/2003 - 12/2004	L4	76.5mm x 75.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B5544P STD, .25, .50, .75, 1.00		47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F780	5544 U
		47.778/1.8810	50.612/1.9926				
		47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5544A L
		47.778/1.8810	50.612/1.9926				
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4174 UNB			20.000/.7874		20.50/.807	F100	4RB4174
			20.033/.7887				
PISTON PIN BUSH							
RB4174 UNB			20.000/.7874		20.50/.807	F100	RB4174
			20.033/.7887				
160 Engine				Year	Cyl	Bore x Stroke	160
BHY 1984cc Inline4 SOHC 2v				09/2004 - 11/2008	L4	82.5mm x 92.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Has one oil hole.</i>							
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES CONROD <i>Has one oil hole.</i>							
4B1606H STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
RACE SERIES CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
4B1606HX STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
CONROD <i>Has one oil hole.</i>							
4B1606P STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
MAINS <i>Half Groove Set. Requires thrustwashers.</i>							
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
		53.978/2.1251	59.019/2.3236				

160 Continued ... 160

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
4RB4178 UNB	PISTON PIN BUSH	<i>Set of 4.</i>		21.000/.8268 20.021/.7882	25.00/.984	F100	4RB4178
RB4178 UNB	PISTON PIN BUSH		21.000/.8268 21.021/.8276		25.00/.984	F100	RB4178

161 Engine Year Cyl Bore x Stroke 161
BEF 1984cc Inline4 SOHC 2v 04/2002 - On L4 82.5mm x 92.8mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES 4B1606HX STD	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
5M1668A STD, .25, .50, .75	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L	
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL		
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171	
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171	

162 Engine Year Cyl Bore x Stroke 162
CKJA 1968cc Inline4 SOHC 2v 10/2010 - On L4 82.5mm x 92.8mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
RACE SERIES 4B1609H STD, .025, .25	CONROD	<i>Has one oil hole and no notch.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES 4B1609HX STD	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L	



162 Continued ...							162	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
MAINS <i>Half Groove Set. Requires thrustwashers.</i>								
5M1668A STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L	
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U	
2T1644 STD			59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
			59.700/2.3504	73.200/2.8819				
4RB4178 UNB	PISTON PIN BUSH <i>Set of 4.</i>			21.000/.8268		25.00/.984	F100	4RB4178
				20.021/.7882				
RB4178 UNB	PISTON PIN BUSH			21.000/.8268		25.00/.984	F100	RB4178
				21.021/.8276				

163 Engine				Year	Cyl	Bore x Stroke	163	
AHA 2771cc V6 DOHC 5v				01/1994 - 12/1999	V6	82.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
6B5568A STD, .25, .50	CONROD		53.957/2.1243	57.600/2.2677	1.806/.0711	17.00/.669	F810	5568A IH
			53.978/2.1251	57.612/2.2682				
7M5569A STD, .25, .50	MAINS		64.958/2.5574	70.000/2.7559	2.507/.0987	18.00/.709	F810	5569A UL
	1,2,3,4,5,6,7		64.978/2.5582	70.020/2.7567				
2T5569 STD	THRUST					1.97/.077	F817	5569T

164 Engine				Year	Cyl	Bore x Stroke	164	
ADZ 1781cc Inline4 SOHC 2v				08/1994 - 10/2000	L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD <i>Has one oil hole.</i>		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
			47.778/1.8810	50.619/1.9929				
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD <i>Has one oil hole.</i>		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
			47.778/1.8810	50.619/1.9929				
RACE SERIES 4B1606HX STD	CONROD <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
			47.778/1.8810	50.619/1.9929				
4B1606P STD, .25, .50, .75, 1.00	CONROD <i>Has one oil hole.</i>		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
			47.778/1.8810	50.619/1.9929				
5M1644A STD, .25, .50, .75, 1.00	MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,4,5		53.978/2.1251	59.019/2.3236				
	1,2,3,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	4		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
			53.978/2.1251	59.019/2.3236				
			53.978/2.1251	59.019/2.3236				
RACE SERIES 5M1644H STD, .25, .50	MAINS <i>Full groove on # 4 position only. Requires thrustwashers.</i>		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,4,5		53.978/2.1251	59.019/2.3236				
	1,2,3,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H L
	4		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H L
			53.978/2.1251	59.019/2.3236				
			53.978/2.1251	59.019/2.3236				

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164 Continued ...							164
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES	MAINS	<i>0.001" extra oil clearance on STD journal.</i>					
5M1644HX STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L
	53.978/2.1251	59.019/2.3236					
5M1668A STD, .25, .50, .75	MAINS	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
		53.978/2.1251	59.019/2.3236				
2T1644 STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
2BS7006 UNB	AUX	1	42.959/1.6913	46.000/1.8110	15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120			
		2	41.959/1.6519	45.000/1.7717	15.00/.591	F23	7007
			41.975/1.6526	45.025/1.7726			
4RB4170 UNB	PISTON PIN BUSH	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>			25.00/.984	F100	4RB4170
			23.000/.9055				
			23.052/.9076				
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>			25.00/.984	F100	4RB4171
			23.000/.9055				
			23.021/.9063				
RB4170 UNB	PISTON PIN BUSH	<i>Has 6.5mm oil hole and part groove.</i>			25.00/.984	F100	RB4170
			23.000/.9055				
			23.052/.9076				
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>			25.00/.984	F100	RB4171
			23.000/.9055				
			23.021/.9063				

165 Engine				Year	Cyl	Bore x Stroke	165
2E 1984cc Inline4 SOHC 2v				01/1990 - 07/1996	L4	82.5mm x 92.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B1606A STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES 4B1606H STD, .025, .25, .50	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES 4B1606HX STD	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
RACE SERIES 4B1609H STD, .025, .25	CONROD	<i>Has one oil hole and no notch.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES 4B1609HX STD	CONROD	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.778/1.8810	50.619/1.9929				



165 Continued ...								165
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B1609P STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L	
MAINS		<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644A STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
RACE SERIES		<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
5M1644H STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
RACE SERIES		<i>0.001" extra oil clearance on STD journal.</i>						
5M1644HX STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
THRUST								
2T1644 STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
AUX								
2BS7006 UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
PISTON PIN BUSH		<i>Set of 4. Has 3mm oil hole and full groove.</i>						
4RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171	
PISTON PIN BUSH		<i>Set of 4.</i>						
4RB4173 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4173	
PISTON PIN BUSH		<i>Has 3mm oil hole and full groove.</i>						
RB4171 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171	
PISTON PIN BUSH								
RB4173 UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4173	

166 Engine		Year		Cyl	Bore x Stroke		166
AKL 1595cc Inline4 SOHC 2v		10/1997 - 05/2005		L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD		<i>Has one oil hole.</i>					
4B1606A STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
RACE SERIES		<i>Has one oil hole.</i>					
4B1606H STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
RACE SERIES		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
4B1606HX STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH



166 Continued ...							166		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B1606P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
RACE SERIES 4B1609H STD, .025, .25	CONROD	<i>Has one oil hole and no notch.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
RACE SERIES 4B1609HX STD	CONROD	<i>Has one oil hole and no notch.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
4B1609P STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole and no notch.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
				47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
5M1653A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5			53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
5M1653P STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5			53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
5M1668A STD, .25, .50, .75	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5			53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
2T1644 STD	THRUST	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819				1.98/.078	F817	1644T UL
4RB4171 UNB	PISTON PIN BUSH	<i>Set of 4. Has 3mm oil hole and full groove.</i>			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
RB4171 UNB	PISTON PIN BUSH	<i>Has 3mm oil hole and full groove.</i>			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

167 Engine		Year	Cyl	Bore x Stroke	167				
AEE 1598cc Inline4 SOHC 2v		07/1995 - 12/2000	L4	76.5mm x 86.9mm					
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
4B1615A STD, .25, .50, .75	CONROD	<i>Bearing has no locating notch.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	18.50/.728	F810	1615A IH
4B5542A STD, .25, .50, .75	CONROD	47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	17.20/.677	F810	5542A IH		
5M1648A STD, .25, .50, .75, 1.00, 1.25	MAINS	<i>Full Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH
5M1653A STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5			53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U



167 Continued ...								167
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
5M1653P STD, .25, .50, .75, 1.00	MAINS		<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
		53.958/2.1243	59.000/2.3228					
	1,2,3,4,5	53.978/2.1251	59.019/2.3236					
		MAINS						
5M5543A STD, .25, .50	1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL	
		53.978/2.1251	59.019/2.3236					
2T1644 STD	THRUST		59.500/2.3425	73.000/2.8740	1.98/.078	F817	1644T UL	
			59.700/2.3504	73.200/2.8819				
2BS7006 UNB	AUX				15.00/.591	F23	7006	
	1	42.959/1.6913	46.000/1.8110					
				42.975/1.6919	46.025/1.8120			
	2	41.959/1.6519	45.000/1.7717			15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726					
4RB4174 UNB	PISTON PIN BUSH		<i>Set of 4.</i>		20.50/.807	F100	4RB4174	
			20.000/.7874	20.033/.7887				
RB4174 UNB	PISTON PIN BUSH				20.50/.807	F100	RB4174	
			20.000/.7874	20.033/.7887				

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
B10E 1108cc Inline4 OHV 2v	08/1975 - 08/1978	L4	1108	67	6
B13E 1289cc Inline4 OHV 2v	08/1975 - 08/1978	L4	1289	78	7
B14E 1397cc Inline4 OHV 2v	01/1976 - 07/1991	L4	1397	85	6
D4164T 1560cc Inline4 DOHC 4v Turbo Diesel	11/2004 - On	L4	1560	95	19
B4164S/S2 1587cc Inline4 DOHC 4v	01/1997 - 07/2003	L4	1587	96	15
D16 1595cc (Renault) Inline4 SOHC 2v Diesel	08/1984 - 07/1991	L4	1595	97	9
B17 2 K 1721cc (Renault) Inline4 SOHC 2v	08/1985 - 07/1991	L4	1721	105	9
B18 Series 1721cc (Renault) Inline4 SOHC 2v	04/1986 - 12/1996	L4	1721	105	9
B4184S 1731cc Inline4 DOHC 4v	01/1995 - 07/1999	L4	1731	105	15
B18 Series 1780cc Inline4 OHV 2v	05/1959 - 01/1972	L4	1780	108	2
B4184S2 1783cc Inline4 DOHC 4v	08/1999 - 04/2004	L4	1783	108	15
B18U 1794cc Inline4 SOHC 2v	09/1991 - 08/1997	L4	1794	109	12
B4184SJ/SM 1834cc Inline4 DOHC 4v	09/1997 - 04/2004	L4	1834	111	15
B4194T 1855cc Inline4 DOHC 4v Turbo	05/1997 - 07/2000	L4	1855	113	23
D19T 1870cc (Renault) Inline4 SOHC 2v Turbo Diesel	09/1993 - 08/1997	L4	1870	114	11
D4192T/T2 1870cc (Renault) Inline4 SOHC 2v Turbo Diesel	01/1996 - 07/2000	L4	1870	114	10
B4204S/S2 1948cc Inline4 DOHC 4v	09/1995 - 04/2004	L4	1948	118	15
B4204T/T2/T3 1948cc Inline4 DOHC 4v Turbo	04/1998 - 04/2004	L4	1948	118	23
B5202F/S 1984cc Inline5 SOHC 2v	08/1994 - 07/1999	L5	1984	121	16
B5204F/S 1984cc Inline5 DOHC 4v	09/1991 - 03/2000	L5	1984	121	16
B5204T 1984cc Inline5 DOHC 4v Turbo	09/1993 - 07/2002	L4	1984	121	17
B19 Series 1986cc Inline4 SOHC 2v	08/1976 - 12/1984	L4	1986	121	1
B19ET 1986cc Inline4 SOHC 2v Turbo	01/1982 - 12/1984	L4	1986	121	1
B20 Series 1986cc Inline4 OHV 2v	03/1967 - 12/1976	L4	1986	121	21
B200 Series 1986cc Inline4 SOHC 2v	08/1980 - 12/1995	L4	1986	121	4
B200ET/FT 1986cc Inline4 SOHC 2v Turbo	01/1985 - 10/1998	L4	1986	121	4
B204E 1986cc Inline4 DOHC 4v	09/1987 - 08/1993	L4	1986	121	4
B204FT/GT 1986cc Inline4 DOHC 4v Turbo	08/1989 - 08/1998	L4	1986	121	4
B20F 1998cc Inline4 SOHC 2v	09/1992 - 12/1996	L4	1998	121	12
D4204T/T2 1998cc Inline4 DOHC 4v Turbo Diesel	10/2003 - On	L4	1998	121	14
B4204S3 1999cc Inline4 DOHC 4v	09/2006 - On	L4	1999	121	14
B21 Series 2127cc Inline4 SOHC 2v	01/1974 - 08/1986	L4	2127	129	1
B21FT 2127cc Inline4 SOHC 2v Turbo	01/1981 - 12/1985	L4	2127	129	1
B23 Series 2316cc Inline4 SOHC 2v	01/1978 - 12/1989	L4	2316	141	3
B230 Series 2316cc Inline4 SOHC 2v	05/1984 - 04/1997	L4	2316	141	4
B230T Series 2316cc Inline4 SOHC 2v Turbo	09/1984 - 08/1997	L4	2316	141	22
B234 Series 2316cc Inline4 DOHC 4v	08/1987 - 08/1992	L4	2316	141	4
B23ET/FT 2316cc Inline4 SOHC 2v Turbo	08/1982 - 12/1984	L4	2316	141	3
B5234S 2319cc Inline5 DOHC 4v	09/1993 - 07/1999	L5	2319	141	18
B5234T 2319cc Inline5 DOHC 4v Turbo	09/1993 - 12/2004	L5	2319	141	17
D24 2383cc Inline6 SOHC 2v Diesel	04/1979 - 08/1993	L6	2382	145	13
D24T/TIC 2383cc Inline6 SOHC 2v Turbo Diesel	08/1982 - 08/1997	L6	2383	145	13
B5244 Series 2435cc Inline5 DOHC 4v	08/1998 - On	L5	2435	148	16
B5244T 2435cc Inline5 DOHC 4v Turbo	01/1997 - On	L5	2435	148	17
B5252 Series 2435cc Inline5 DOHC 2v	09/1992 - 03/2000	L5	2435	148	18
B5254 Series 2435cc Inline5 DOHC 2v	09/1991 - 03/2000	L5	2435	148	18
B5254T 2435cc Inline5 DOHC 4v Turbo	09/1996 - 03/2000	L5	2435	148	17
B6254G/S 2473cc Inline6 DOHC 4v	08/1994 - 08/1997	L6	2473	150	8
B5254T 2521cc Inline5 DOHC 4v Turbo	07/2002 - On	L5	2521	153	17
B6304 Series 2922cc Inline6 DOHC 4v	08/1990 - 07/1999	L6	2922	178	8
B30A 2979cc Inline6 OHV 2v	01/1968 - 01/1973	L6	2979	181	20
B30E 2979cc Inline6 OHV 2v	01/1973 - 01/1977	L6	2979	181	5



1	Engine	Year	Cyl	Bore x Stroke	1		
	B19 Series 1986cc Inline4 SOHC 2v <i>B19A, B19E</i>	08/1976 - 12/1984	L4	88.9mm x 80.0mm			
	B19ET 1986cc Inline4 SOHC 2v Turbo	01/1982 - 12/1984	L4	88.9mm x 80.0mm			
	B21 Series 2127cc Inline4 SOHC 2v <i>B21A, B21E, B21F</i>	01/1974 - 08/1986	L4	92.0mm x 80.0mm			
	B21FT 2127cc Inline4 SOHC 2v Turbo	01/1981 - 12/1985	L4	92.0mm x 80.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

CONROD <i>Notch width is 3.94mm. Bearing width is 24.13mm.</i>								
4B2740P STD, 010, 020, 030, 040		53.988/2.1255	58.000/2.2835	1.986/.0782	24.13/.950	F780	2740	
		54.000/2.1260	58.014/2.2840				IH	
5M2742A STD, 010, 020, 030, 040	1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F810	2742A	
		63.454/2.4982	67.488/2.6570				IH	
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F810	2743A(F)	
		63.454/2.4982	67.488/2.6570				IH	
5M2742P STD, 010, 020, 030, 040	1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F780	2742	
		63.454/2.4982	67.488/2.6570				IH	
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F780	2743(F)	
		63.454/2.4982	67.488/2.6570				IH	
3C7936 STD	1	46.977/1.8495	49.911/1.9650	1.454/.0572	27.18/1.070	F23	7936	
		46.990/1.8500	49.936/1.9660					
	2	42.977/1.6920	45.911/1.8075	1.448/.0570	26.42/1.040	F23	7937	
		43.002/1.6930	45.936/1.8085					
		36.975/1.4557	39.929/1.5720	1.458/.0574	27.94/1.100	F23	7938	
	37.000/1.4567	39.954/1.5730						
RB4071 UNB	PISTON PIN BUSH		23.996/.9447	27.000/1.0630	1.750/.0689	29.30/1.154	F100	RB4071
			24.000/.9449	27.025/1.0640				

2	Engine	Year	Cyl	Bore x Stroke	2			
	B18 Series 1780cc Inline4 OHV 2v <i>B18A, B18B, B18D</i>	05/1959 - 01/1972	L4	84.2mm x 80.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>Notch width is 4.57mm. Bearing width is 27mm.</i>								
4B2741P STD, 010, 020, 030, 040		54.089/2.1295	57.823/2.2765	1.842/.0725	26.97/1.062	F780	2741	
		54.102/2.1300	57.836/2.2770				IH	
5M2742A STD, 010, 020, 030, 040	1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F810	2742A	
		63.454/2.4982	67.488/2.6570				IH	
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F810	2743A(F)	
		63.454/2.4982	67.488/2.6570				IH	
5M2742P STD, 010, 020, 030, 040	1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F780	2742	
		63.454/2.4982	67.488/2.6570				IH	
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F780	2743(F)	
		63.454/2.4982	67.488/2.6570				IH	
3C7936 STD	1	46.977/1.8495	49.911/1.9650	1.454/.0572	27.18/1.070	F23	7936	
		46.990/1.8500	49.936/1.9660					
	2	42.977/1.6920	45.911/1.8075	1.448/.0570	26.42/1.040	F23	7937	
		43.002/1.6930	45.936/1.8085					
		36.975/1.4557	39.929/1.5720	1.458/.0574	27.94/1.100	F23	7938	
	37.000/1.4567	39.954/1.5730						
RB4300	PISTON PIN BUSH		23.482/.9245	23.508/.9255	.950/.0374	30.17/1.188	F100	RB4300

3 Engine				Year	Cyl	Bore x Stroke	3	
B23 Series 2316cc Inline4 SOHC 2v				01/1978 - 12/1989	L4	96.0mm x 80.0mm		
B23ET/FT 2316cc Inline4 SOHC 2v Turbo				08/1982 - 12/1984	L4	96.0mm x 80.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD <i>Notch width is 3.94mm. Bearing width is 24.13mm.</i>								
4B2740P STD, 010, 020, 030, 040		53.988/2.1255	58.000/2.2835	1.986/.0782	24.13/.950	F780	2740	
		54.000/2.1260	58.014/2.2840				IH	
5M2742A STD, 010, 020, 030, 040	1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F810	2742A	
		63.454/2.4982	67.488/2.6570				IH	
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F810	2743A(F)	
		63.454/2.4982	67.488/2.6570				IH	
5M2742P STD, 010, 020, 030, 040	1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F780	2742	
		63.454/2.4982	67.488/2.6570				IH	
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F780	2743(F)	
		63.454/2.4982	67.488/2.6570				IH	
3C7936 STD	1	46.977/1.8495	49.911/1.9650	1.454/.0572	27.18/1.070	F23	7936	
		46.990/1.8500	49.936/1.9660					
		42.977/1.6920	45.911/1.8075	1.448/.0570	26.42/1.040	F23	7937	
		43.002/1.6930	45.936/1.8085					
3B57926 STD	1	49.914/1.9651	49.939/1.9661	1.446/.0569	18.15/.715	F23	7926	
		45.914/1.8076	45.939/1.8086	1.422/.0560	15.14/.596	F23	7928	
		45.914/1.8076	45.939/1.8086	1.472/.0580	15.14/.596	F23	7927	
		45.939/1.8086						
RB4071 UNB		23.996/.9447	27.000/1.0630	1.750/.0689	29.30/1.154	F100	RB4071	
		24.000/.9449	27.025/1.0640					
		PISTON PIN BUSH						

4 Engine				Year	Cyl	Bore x Stroke	4	
B200 Series 1986cc Inline4 SOHC 2v				08/1980 - 12/1995	L4	88.9mm x 80.0mm		
<i>B200E, B200EA, B200F, B200G, B200K</i>								
B200ET/FT 1986cc Inline4 SOHC 2v Turbo				01/1985 - 10/1998	L4	88.9mm x 80.0mm		
B204E 1986cc Inline4 DOHC 4v				09/1987 - 08/1993	L4	88.9mm x 80.0mm		
B204FT/GT 1986cc Inline4 DOHC 4v Turbo				08/1989 - 08/1998	L4	88.9mm x 80.0mm		
B230 Series 2316cc Inline4 SOHC 2v				05/1984 - 04/1997	L4	96.0mm x 80.0mm		
<i>B230A, E, F, FB, FD, G, K</i>								
B234 Series 2316cc Inline4 DOHC 4v				08/1987 - 08/1992	L4	96.0mm x 80.0mm		
<i>B234F, B234G</i>								
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES								
4B2726H STD		48.984/1.9285	51.999/2.0472	1.486/.0585	24.00/.945	F781	2726H	
		49.004/1.9293	52.014/2.0478				IH	
4B2726P STD, .25, .50, .75		48.984/1.9285	51.999/2.0472	1.491/.0587	24.00/.945	F780	2726	
		49.004/1.9293	52.014/2.0478				IH	
5M2727A STD, .25, .50	1,2,3,4	62.987/2.4798	67.000/2.6378	1.996/.0786	20.80/.819	F820	2727AL	
		63.000/2.4803	67.018/2.6385				UL	
		5	62.987/2.4798	67.000/2.6378	1.996/.0786	35.38/1.393	F820	2728AL(F)
			63.000/2.4803	67.018/2.6385				UL
<i>Suits 63mm shaft. Set contains flanged thrust bearing.</i>								



4 Continued ...							4
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M2729A STD, .25, .50, .75		MAINS <i>Suits 55mm shaft. Set requires thrustwashers.</i>					
	1,2,3,4,5	54.986/2.1648 55.001/2.1654	58.999/2.3228 59.019/2.3236	1.990/.0783	20.80/.819	F810	2729A UL
1T2729 STD		THRUST					
		61.250/2.4114 61.500/2.4213	75.550/2.9744 75.800/2.9842		2.00/.079		2729T UL
RB4299		PISTON PIN BUSH					
		22.996/.9054 23.000/.9055	26.000/1.0236 26.025/1.0246	1.700/.0669	24.50/.965	F100	RB4299

5 Engine				Year	Cyl	Bore x Stroke	5
B30E 2979cc Inline6 OHV 2v				01/1973 - 01/1977	L6	88.9mm x 80.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2741P STD, 010, 020		CONROD <i>Notch width is 4.57mm. Bearing width is 27mm.</i>					
		54.089/2.1295 54.102/2.1300	57.823/2.2765 57.836/2.2770	1.842/.0725	26.97/1.062	F780	2741 IH
7M2742A STD, 010, 020, 030, 040		MAINS					
	1,2,3,4,5,6	63.442/2.4977 63.454/2.4982	67.462/2.6560 67.488/2.6570	1.989/.0783	28.19/1.110	F810	2742A IH
	7	63.442/2.4977 63.454/2.4982	67.462/2.6560 67.488/2.6570	1.989/.0783	38.91/1.532	F810	2743A(F) IH
7M2742P STD, 010, 020, 030, 040		MAINS					
	1,2,3,4,5,6	63.442/2.4977 63.454/2.4982	67.462/2.6560 67.488/2.6570	1.989/.0783	28.19/1.110	F780	2742 IH
	7	63.442/2.4977 63.454/2.4982	67.462/2.6560 67.488/2.6570	1.989/.0783	38.91/1.532	F780	2743(F) IH
4C7936 STD		CAMS					
	1,2,3,4	46.977/1.8495 46.990/1.8500	49.911/1.9650 49.936/1.9660	1.454/.0572	27.18/1.070	F23	7936
RB4300		PISTON PIN BUSH					
			23.482/.9245 23.508/.9255	.950/.0374	30.17/1.188	F100	RB4300

6 Engine				Year	Cyl	Bore x Stroke	6
B10E 1108cc Inline4 OHV 2v				08/1975 - 08/1978	L4	70.0mm x 72.0mm	
B14E 1397cc Inline4 OHV 2v				01/1976 - 07/1991	L4	76.0mm x 77.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7900A STD, .25, .50, .75		CONROD <i>Both halves are plain.</i>					
		43.965/1.7309 43.980/1.7315	47.615/1.8746 47.625/1.8750	1.806/.0711	17.75/.699	F810	7900A IH
4B7908A STD, .25, .50, .75		CONROD <i>One half with a slot.</i>					
		43.965/1.7309 43.980/1.7315	47.615/1.8746 47.625/1.8750	1.806/.0711	17.75/.699	F810	7908A UL
5M7909A STD, .25, .50, .75, 1.00		MAINS <i>To suit engines with 54.80mm shaft.</i>					
	1,2,3,4,5	54.785/2.1569 54.805/2.1577	58.731/2.3122 58.750/2.3130	1.950/.0768	19.50/.768	F810	7909A UL
1T7815 STD, .10		THRUST					
		62.500/2.4606 62.750/2.4705	79.750/3.1398 80.000/3.1496		2.85/.112	F817	7815T IH

7 Engine				Year	Cyl	Bore x Stroke	7
B13E 1289cc Inline4 OHV 2v				08/1975 - 08/1978	L4	73.0mm x 77.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7900A STD, .25, .50, .75		CONROD <i>Both halves are plain.</i>					
		43.965/1.7309 43.980/1.7315	47.615/1.8746 47.625/1.8750	1.806/.0711	17.75/.699	F810	7900A IH

7 Continued ...							7
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
MAINS		<i>Suits 46mm shafts.</i>					
5M7904A STD, .25, .50, .75	1,2,4	45.990/1.8106 46.000/1.8110	49.874/1.9635 49.890/1.9642	1.922/.0757	19.50/.768	F810	7904A UL
	3,5	45.990/1.8106 46.000/1.8110	49.874/1.9635 49.980/1.9677	1.922/.0757	24.50/.965	F810	7905A UL
THRUST							
1T7904 STD		50.500/1.9882 50.750/1.9980	67.670/2.6642 67.920/2.6740		2.36/.093	F817	7904T UL

8 Engine				Year	Cyl	Bore x Stroke	8	
B6254G/S 2473cc Inline6 DOHC 4v				08/1994 - 08/1997	L6	81.0mm x 88.0mm		
B6304 Series 2922cc Inline6 DOHC 4v				08/1990 - 07/1999	L6	83.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD								
6B7880P STD, .25		49.984/1.9679 50.000/1.9685	53.000/2.0866 53.013/2.0871	1.496/.0589	19.50/.768	F781	7880 IH	
	MAINS							
7M7884A STD, .25		64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.994/.0785	19.60/.772	F810	7884A UL	
		64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.998/.0787	25.88/1.019	F810	7885A(F) UL	
	PISTON PIN BUSH							
	RB4180		26.000/1.0236 26.025/1.0246		25.20/.992	F100	RB4180	
PISTON PIN BUSH								
RB4298 UNB		24.000/.9449 24.025/.9459		1.700/.0669	21.35/.841	F100	RB4298	

9 Engine				Year	Cyl	Bore x Stroke	9	
B17 2 K 1721cc (Renault) Inline4 SOHC 2v				08/1985 - 07/1991	L4	81.0mm x 83.5mm		
B18 Series 1721cc (Renault) Inline4 SOHC 2v <i>B18E, ED, EP, F, FP, FT, FTM, K, KD, KP, KPD</i>				04/1986 - 12/1996	L4	81.0mm x 83.5mm		
D16 1595cc (Renault) Inline4 SOHC 2v Diesel				08/1984 - 07/1991	L4	78.0mm x 83.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
CONROD		<i>Bearings have no notches.</i>						
4B7816A STD, .25, .50		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317	1.776/.0699	20.25/.797	F810	7816A IH	
	CONROD		<i>Bearings have no notches.</i>					
4B7816P STD, .25, .50		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317	1.776/.0699	20.25/.797	F780	7816 U	
		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317	1.776/.0699	20.25/.797	F810	7816A L	
	MAINS							
	5M7807A STD, .25, .50	1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F810	7807A UL
RACE SERIES								
5M7807H STD, .25, .50	1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F780	7807H UL	
	MAINS		<i>0.001" extra oil clearance on STD journal.</i>					
5M7807HX STD	1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.932/.0761	18.50/.728	F780	7807HX UL	
	THRUST		<i>Shaped washer with cutouts.</i>					
1T7807 STD, .10		60.500/2.3819 60.750/2.3917	79.750/3.1398 80.000/3.1496		2.35/.093	F817	7807T IH	



10 Engine		Year		Cyl	Bore x Stroke		10
D4192T/T2 1870cc (Renault) Inline4 SOHC 2v Turbo Diesel		01/1996 - 07/2000		L4	80.0mm x 93.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7820A STD, .25		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A
		48.020/1.8905	51.600/2.0315				IH
RACE SERIES 4B7820H STD, .25, .50	CONROD	48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H
		48.020/1.8905	51.600/2.0315				IH
RACE SERIES 4B7820HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		48.000/1.8898	51.587/2.0310	1.755/.0691	20.50/.807
		48.020/1.8905	51.600/2.0315			F781	7820HX
5M7807A STD, .25, .50	MAINS 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A
		54.795/2.1573	58.744/2.3128				UL
RACE SERIES 5M7807H STD, .25, .50	MAINS 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H
		54.795/2.1573	58.744/2.3128				UL
RACE SERIES 5M7807HX STD	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		54.785/2.1569	58.731/2.3122	1.932/.0761	18.50/.728
		54.795/2.1573	58.744/2.3128			F780	7807HX
1T7807 STD, .10	THRUST	<i>Shaped washer with cutouts.</i>		60.500/2.3819	79.750/3.1398		2.35/.093
		60.750/2.3917	80.000/3.1496			F817	7807T

11 Engine		Year		Cyl	Bore x Stroke		11
D19T 1870cc (Renault) Inline4 SOHC 2v Turbo Diesel		09/1993 - 08/1997		L4	80.0mm x 93.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M7807A STD, .25, .50	MAINS 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A
		54.795/2.1573	58.744/2.3128				UL
RACE SERIES 5M7807H STD, .25, .50	MAINS 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H
		54.795/2.1573	58.744/2.3128				UL
RACE SERIES 5M7807HX STD	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		54.785/2.1569	58.731/2.3122	1.932/.0761	18.50/.728
		54.795/2.1573	58.744/2.3128			F780	7807HX
1T7807 STD, .10	THRUST	<i>Shaped washer with cutouts.</i>		60.500/2.3819	79.750/3.1398		2.35/.093
		60.750/2.3917	80.000/3.1496			F817	7807T

12 Engine		Year		Cyl	Bore x Stroke		12
B18U 1794cc Inline4 SOHC 2v		09/1991 - 08/1997		L4	82.7mm x 83.5mm		
B20F 1998cc Inline4 SOHC 2v		09/1992 - 12/1996		L4	82.7mm x 93.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7820A STD, .25	CONROD	48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A
		48.020/1.8905	51.600/2.0315				IH
RACE SERIES 4B7820H STD, .25, .50	CONROD	48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H
		48.020/1.8905	51.600/2.0315				IH
RACE SERIES 4B7820HX STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		48.000/1.8898	51.587/2.0310	1.755/.0691	20.50/.807
		48.020/1.8905	51.600/2.0315			F781	7820HX
5M7807A STD, .25, .50	MAINS 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A
		54.795/2.1573	58.744/2.3128				UL

12 Continued ...								12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
RACE SERIES 5M7807H STD, 25, 50	MAINS 1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F780	7807H UL	
RACE SERIES 5M7807HX STD	MAINS 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.932/.0761	18.50/.728	F780	7807HX UL	
1T7807 STD, 10	THRUST	<i>Shaped washer with cutouts.</i>			2.35/.093	F817	7807T IH	
4RB4185 UNB	PISTON PIN BUSH	<i>Set of 4.</i>			24.75/.974	F100	4RB4185	
RB4185 UNB	PISTON PIN BUSH	24.005/.9451 24.012/.9454	26.000/1.0236 26.021/1.0244		24.75/.974	F100	RB4185	

13 Engine				Year	Cyl	Bore x Stroke	13
D24 2383cc Inline6 SOHC 2v Diesel				04/1979 - 08/1993	L6	76.5mm x 86.4mm	
D24T/TIC 2383cc Inline6 SOHC 2v Turbo Diesel				08/1982 - 08/1997	L6	76.5mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B5534A STD, 25, 50, 75, 1.00	CONROD	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
6B5534P STD, 25, 50, 75, 1.00	CONROD	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH
7M1604A STD, 25, 50, 75, 1.00	MAINS 1,2,3,4,5,6,7	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
7M1604P STD, 25, 50, 75, 1.00	MAINS 1,2,3,4,5,6,7	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
7M1605A STD, 25, 50, 75, 1.00	MAINS 1,2,3,5,6,7	<i>Set contains flanged thrust bearing.</i>		2.502/.0985	18.50/.728	F810	1604A UL
	4	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.982	F810	1605A(F) UL
7M1605P STD, 25, 50, 75, 1.00	MAINS 1,2,3,5,6,7	<i>Set contains flanged thrust bearing.</i>		2.502/.0985	18.50/.728	F780	1604 UL
	4	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.981	F780	1605(F) UL
2T1604 STD	THRUST	63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
2T1614 STD	THRUST	63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL
6RB4172 UNB	PISTON PIN BUSH	<i>Set of 6.</i>			25.00/.984	F100	6RB4172
RB4172 UNB	PISTON PIN BUSH				25.00/.984	F100	RB4172



14	Engine	Year	Cyl	Bore x Stroke	14
	B4204S3 1999cc Inline4 DOHC 4v	09/2006 - On	L4	87.5mm x 83.1mm	
	D4204T/T2 1998cc Inline4 DOHC 4v Turbo Diesel	10/2003 - On	L4	85.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD <i>Lower in Aluglide material.</i>							
4B7747D STD, .30		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F781	7747D
		50.000/1.9685	53.708/2.1145				U
		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F810	7747A
		50.000/1.9685	53.708/2.1145				L
CONROD <i>Lower in Aluglide material.</i>							
4B7747P STD, .30		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F810	7747A
		50.000/1.9685	53.708/2.1145				L
		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F780	7747
		50.000/1.9685	53.708/2.1145				U
MAINS 1,2,3,4,5							
5M1677A STD, .30, .50, .80		59.981/2.3615	63.731/2.5091	1.845/.0726	19.50/.768	F810	1677A
		60.000/2.3622	63.750/2.5098				UL
THRUST							
2T7703 STD, .10, .15		67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T
		67.300/2.6496	83.300/3.2795				UL
THRUST							
2T7748 STD		67.050/2.6398	83.050/3.2697		1.85/.073	F250	7748T
		67.300/2.6496	83.300/3.2795				UL
PISTON PIN BUSH <i>Set of 4.</i>							
4RB4200		27.997/1.1022	30.200/1.1890		24.05/.947	F100	4RB4200
		28.000/1.1024	30.225/1.1900				
PISTON PIN BUSH							
RB4200		27.997/1.1022	30.200/1.1890		24.05/.947	F100	RB4200
		28.000/1.1024	30.225/1.1900				

15	Engine	Year	Cyl	Bore x Stroke	15
	B4164S/S2 1587cc Inline4 DOHC 4v	01/1997 - 07/2003	L4	81.0mm x 77.0mm	
	B4184S 1731cc Inline4 DOHC 4v	01/1995 - 07/1999	L4	83.0mm x 80.0mm	
	B4184S2 1783cc Inline4 DOHC 4v	08/1999 - 04/2004	L4	83.0mm x 82.4mm	
	B4184SJ/SM 1834cc Inline4 DOHC 4v	09/1997 - 04/2004	L4	81.0mm x 89.0mm	
	B4204S/S2 1948cc Inline4 DOHC 4v	09/1995 - 04/2004	L4	83.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
4B7880P STD, .25		49.984/1.9679	53.000/2.0866	1.496/.0589	19.50/.768	F781	7880
		50.000/1.9685	53.013/2.0871				IH
MAINS 1,2,4,5							
5M7884A STD, .25		64.987/2.5585	69.000/2.7165	1.994/.0785	19.60/.772	F810	7884A
		65.000/2.5591	69.014/2.7171				UL
		64.987/2.5585	69.000/2.7165	1.998/.0787	25.88/1.019	F810	7885A(F)
		65.000/2.5591	69.014/2.7171				UL
PISTON PIN BUSH							
RB4180			26.000/1.0236		25.20/.992	F100	RB4180
			26.025/1.0246				

16	Engine	Year	Cyl	Bore x Stroke	16
	B5202F/S 1984cc Inline5 SOHC 2v	08/1994 - 07/1999	L5	81.0mm x 77.0mm	
	B5204F/S 1984cc Inline5 DOHC 4v	09/1991 - 03/2000	L5	81.0mm x 77.0mm	
	B5244 Series 2435cc Inline5 DOHC 4v	08/1998 - On	L5	83.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
CONROD							
5B7880P STD, .25		49.984/1.9679	53.000/2.0866	1.496/.0589	19.50/.768	F781	7880
		50.000/1.9685	53.013/2.0871				IH

16 Continued ... 16

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6M7884A STD, .25	MAINS						
	1,2,3,5,6	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.994/.0785	19.60/.772	F810	7884A UL
	4	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.998/.0787	25.88/1.019	F810	7885A(F) UL
	PISTON PIN BUSH						
RB4180			26.000/1.0236 26.025/1.0246		25.20/.992	F100	RB4180
PISTON PIN BUSH							
RB4298 UNB			24.000/.9449 24.025/.9459	1.700/.0669	21.35/.841	F100	RB4298

17 Engine Year Cyl Bore x Stroke 17

B5204T 1984cc Inline5 DOHC 4v Turbo	09/1993 - 07/2002	L4	81.0mm x 77.0mm
B5234T 2319cc Inline5 DOHC 4v Turbo	09/1993 - 12/2004	L5	81.0mm x 90.0mm
B5244T 2435cc Inline5 DOHC 4v Turbo	01/1997 - On	L5	83.0mm x 90.0mm
B5254T 2435cc Inline5 DOHC 4v Turbo	09/1996 - 03/2000	L5	83.0mm x 90.0mm
B5254T 2521cc Inline5 DOHC 4v Turbo	07/2002 - On	L5	83.0mm x 93.2mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6M7884A STD, .25	MAINS						
	1,2,3,5,6	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.994/.0785	19.60/.772	F810	7884A UL
	4	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.998/.0787	25.88/1.019	F810	7885A(F) UL
	PISTON PIN BUSH						
RB4180			26.000/1.0236 26.025/1.0246		25.20/.992	F100	RB4180
PISTON PIN BUSH							
RB4298 UNB			24.000/.9449 24.025/.9459	1.700/.0669	21.35/.841	F100	RB4298

18 Engine Year Cyl Bore x Stroke 18

B5234S 2319cc Inline5 DOHC 4v	09/1993 - 07/1999	L5	81.0mm x 90.0mm
B5252 Series 2435cc Inline5 DOHC 2v	09/1992 - 03/2000	L5	83.0mm x 90.0mm
B5254 Series 2435cc Inline5 DOHC 2v	09/1991 - 03/2000	L5	83.0mm x 90.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5B7880P STD, .25	CONROD						
		49.984/1.9679 50.000/1.9685	53.000/2.0866 53.013/2.0871	1.496/.0589	19.50/.768	F781	7880 IH
6M7884A STD, .25	MAINS						
	1,2,3,5,6	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.994/.0785	19.60/.772	F810	7884A UL
	4	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.998/.0787	25.88/1.019	F810	7885A(F) UL
	PISTON PIN BUSH						
RB4180			26.000/1.0236 26.025/1.0246		25.20/.992	F100	RB4180
PISTON PIN BUSH							
RB4298 UNB			24.000/.9449 24.025/.9459	1.700/.0669	21.35/.841	F100	RB4298

19 Engine Year Cyl Bore x Stroke 19

D4164T 1560cc Inline4 DOHC 4v Turbo Diesel	11/2004 - On	L4	75.0mm x 88.3mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7775A STD, .30	CONROD						
		46.975/1.8494 46.991/1.8500	50.655/1.9943 50.674/1.9950	1.818/.0716	17.00/.669	F810	7775A IH



19 Continued ...							19
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B7775P STD, .30	CONROD	46.975/1.8494	50.655/1.9943	1.818/.0716	17.00/.669	F780	7775 IH
		46.991/1.8500	50.674/1.9950				
5M7772A STD, .30, .50	MAINS 1,2,3,4,5	49.962/1.9670	53.655/2.1124	1.833/.0722	20.40/.803	F780	7772 U
		49.981/1.9678	53.674/2.1131				
	1,2,3,4,5	49.962/1.9670	53.655/2.1124	1.833/.0722	19.90/.784	F780	7773 L
		49.981/1.9678	53.674/2.1131				
1T7772 STD	THRUST	55.200/2.1732	71.350/2.8090		2.46/.097	F817	7772T IH
		55.480/2.1842	71.700/2.8228				
RB4202	PISTON PIN BUSH		29.000/1.1417		19.98/.787	F100	RB4202
			29.021/1.1426				

20 Engine				Year	Cyl	Bore x Stroke	20
B30A 2979cc Inline6 OHV 2v				01/1968 - 01/1973	L6	88.9mm x 80.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
6B2740P STD, 010, 020	CONROD	53.988/2.1255	58.000/2.2835	1.986/.0782	24.13/.950	F780	2740 IH
		54.000/2.1260	58.014/2.2840				
7M2742A STD, 010, 020, 030, 040	MAINS 1,2,3,4,5,6	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F810	2742A IH
		63.454/2.4982	67.488/2.6570				
	7	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F810	2743A(F) IH
		63.454/2.4982	67.488/2.6570				
7M2742P STD, 010, 020, 030, 040	MAINS 1,2,3,4,5,6	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F780	2742 IH
		63.454/2.4982	67.488/2.6570				
	7	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F780	2743(F) IH
		63.454/2.4982	67.488/2.6570				
4C7936 STD	CAMS 1,2,3,4	46.977/1.8495	49.911/1.9650	1.454/.0572	27.18/1.070	F23	7936
		46.990/1.8500	49.936/1.9660				
RB4300	PISTON PIN BUSH		23.482/.9245	.950/.0374	30.17/1.188	F100	RB4300
			23.508/.9255				

21 Engine				Year	Cyl	Bore x Stroke	21
B20 Series 1986cc Inline4 OHV 2v B20A, B20B, B20D, B20E, B20F				03/1967 - 12/1976	L4	88.9mm x 80.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
4B2740P STD, 010, 020, 030, 040	CONROD	<i>Notch width is 3.94mm. Bearing width is 24.13mm.</i>					
		53.988/2.1255	58.000/2.2835	1.986/.0782	24.13/.950	F780	2740 IH
54.000/2.1260	58.014/2.2840						
4B2741P STD, 010, 020, 030, 040	CONROD	<i>Notch width is 4.57mm. Bearing width is 27mm.</i>					
		54.089/2.1295	57.823/2.2765	1.842/.0725	26.97/1.062	F780	2741 IH
54.102/2.1300	57.836/2.2770						
5M2742A STD, 010, 020, 030, 040	MAINS 1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F810	2742A IH
		63.454/2.4982	67.488/2.6570				
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F810	2743A(F) IH
		63.454/2.4982	67.488/2.6570				
5M2742P STD, 010, 020, 030, 040	MAINS 1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F780	2742 IH
		63.454/2.4982	67.488/2.6570				
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F780	2743(F) IH
		63.454/2.4982	67.488/2.6570				

21 Continued ...							21
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
3C7936 STD	CAMS						
	1	46.977/1.8495 46.990/1.8500	49.911/1.9650 49.936/1.9660	1.454/.0572	27.18/1.070	F23	7936
	2	42.977/1.6920 43.002/1.6930	45.911/1.8075 45.936/1.8085	1.448/.0570	26.42/1.040	F23	7937
	3	36.975/1.4557 37.000/1.4567	39.929/1.5720 39.954/1.5730	1.458/.0574	27.94/1.100	F23	7938
	PISTON PIN BUSH						
	RB4300			23.482/.9245 23.508/.9255	.950/.0374	30.17/1.188	F100

22 Engine				Year	Cyl	Bore x Stroke	22
B230T Series 2316cc Inline4 SOHC 2v Turbo <i>B230ET, B230FK, B230FT, B230GT</i>				09/1984 - 08/1997	L4	96.0mm x 80.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RACE SERIES 4B2726H STD	CONROD						
		48.984/1.9285 49.004/1.9293	51.999/2.0472 52.014/2.0478	1.486/.0585	24.00/.945	F781	2726H IH
4B2726P STD, .25, .50, .75	CONROD						
		48.984/1.9285 49.004/1.9293	51.999/2.0472 52.014/2.0478	1.491/.0587	24.00/.945	F780	2726 IH
5M2727A STD, .25, .50	MAINS <i>Suits 63mm shaft. Set contains flanged thrust bearing.</i>						
	1,2,3,4	62.987/2.4798 63.000/2.4803	67.000/2.6378 67.018/2.6385	1.996/.0786	20.80/.819	F820	2727AL UL
	5	62.987/2.4798 63.000/2.4803	67.000/2.6378 67.018/2.6385	1.996/.0786	35.38/1.393	F820	2728AL(F) UL
	MAINS <i>Suits 55mm shaft. Set requires thrustwashers.</i>						
5M2729A STD, .25, .50, .75	1,2,3,4,5	54.986/2.1648 55.001/2.1654	58.999/2.3228 59.019/2.3236	1.990/.0783	20.80/.819	F810	2729A UL
	THRUST						
1T2729 STD		61.250/2.4114 61.500/2.4213	75.550/2.9744 75.800/2.9842		2.00/.079		2729T UL

23 Engine				Year	Cyl	Bore x Stroke	23
B4194T 1855cc Inline4 DOHC 4v Turbo B4204T/T2/T3 1948cc Inline4 DOHC 4v Turbo				05/1997 - 07/2000 04/1998 - 04/2004	L4 L4	81.0mm x 90.0mm 83.0mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5M7884A STD, .25	MAINS						
	1,2,4,5	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.994/.0785	19.60/.772	F810	7884A UL
	3	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.998/.0787	25.88/1.019	F810	7885A(F) UL
	PISTON PIN BUSH						
RB4180			26.000/1.0236 26.025/1.0246		25.20/.992	F100	RB4180



INTERCHANGE

Clevite - ACL

Auxiliary Bearing Set

SH-1094S	1C1094S
SH-1095S	2C1095S
SH-1209S	2BS7006
SH-1977S	2C6002S

Balance Shaft Bearing Set

SH-1212S	2BS8273
SH-1326S	2C026S
SH-1403	2BS1403S
SH-1429S	3BS8288
SH-1469S	3BS8389
SH-1526S	2BS1445S
SH-1798S	1BS1400S
SH-2002S	1BS2002S

Camshaft Bearing Set

SH-1030S	3C1030S
SH-1066S	3C8276
SH-1092S	5C1092S
SH-1111S	5C1111S
SH-1114S	4C1114S
SH-1115S	4C1115S
SH-1197S	4C1197S
SH-1248S	3C8074
SH-1251S	4C1251S
SH-1254S	4C1254S
SH-1305S	3C1305S
SH-1350S	4C1089S
SH-1351S	4C1351S
SH-1354S	5C638S
SH-1355S	5C1088S
SH-1360S	5C7304
SH-1361S	5C680S
SH-1364S	4C1102S
SH-1365S	5C1195S
SH-1366S	5C1199S
SH-1385S	4C1031S
SH-1386S	4C654S
SH-1390S	4C1002BS
SH-1405S	4C1405BS
SH-1441S	4C1441S
SH-1447S	4C1447S
SH-1448S	4C1246S
SH-1789S	4C048AS
SH-1812S	4C1812S
SH-1814S	5C1000S
SH-1980S	4C549S
SH-1995S	5C1001S
SH-2000S	4C7300
SH-287S	5C287S
SH-290S	5C3349
SH-292S	5C292S
SH-399S	4C399S
SH-400S	3C400S
SH-506S	4C506S
SH-510S	5C5616
SH-567S	4C567S
SH-616S	5C616S
SH-671S	5C671S
SH-703S	4C5826

Camshaft Bearing Set

SH-710S	5C5696
SH-711S	3C3300
SH-718S	5C781S
SH-718S	4C5157
SH-764S	3C4018
SH-767S	5C4146
SH-772S	3C4036
SH-777S	4C777S
SH-874S	4C4606
SH-875S	5C875S
SH-876S	5C876S

Conrod Bearing Set

CB-1017A*4	4B1636A
CB-1017A*5	5B1636A
CB-1017P	5B1636P
CB-1027P	4B2510P
CB-1093AL	4B1320A
CB-1095P*4	4B1886P
CB-1110P	4B1626A
CB-1120A*4	4B1146A
CB-1120HN	4B1146H
CB-1120HXN	4B1146HX
CB-1141H	6B1140H
CB-1141HX	6B1140HX
CB-1141P*6	6B1140A
CB-1171P	4B1490P
CB-1171P	6B1490P
CB-1178P*4	4B5534P
CB-1178P*4	4B5534A
CB-1178P*4	4B1076P
CB-1182P*4	4B1610P
CB-1182P*4	4B1610A
CB-1190P	4B1110P
CB-1191P	4B2010P
CB-1202A*4	4B8101A
CB-1214P*6	6B1214A
CB-1216AL	4B1216A
CB-1218P*4	4B1701A
CB-1219P*6	6B7971A
CB-1220AL	4B1136A
CB-1222P*4	4B1950A
CB-1223A*4	4B1951A
CB-1227P*6	6B1227A
CB-1228A*6	6B2360A
CB-1228P	6B1228A
CB-1228P*6	6B2360P
CB-1238P*6	6B1238A
CB-1250P	4B1756A
CB-1269A	4B1269A
CB-1270P*4	4B1686A
CB-1276AL	4B1276A
CB-1278A*4	4B1736A
CB-1279P	4B8331A
CB-1283A*6	6B1283A
CB-1286P	8B1286A
CB-1287AL*4	4B1630A
CB-1299P	4B2526P
CB-1306AL	4B4376A

Conrod Bearing Set

CB-1309A*4	4B7730A
CB-1310AL*4	4B7820A
CB-1325P*4	4B1726A
CB-1326P*4	4B1620A
CB-1332A*4	4B1441A
CB-1333A*4	4B7706A
CB-1352A*4	4B1690A
CB-1353A*4	4B1946A
CB-1353H	4B1946H
CB-1353HX	4B1946HX
CB-1353P*4	4B1946P
CB-1358A	6B1358A
CB-1361A*4	4B1710A
CB-1362P*4	4B2130A
CB-1380A*4	4B1380A
CB-1383A*4	4B1383A
CB-1385A	6B1385A
CB-1387A*6	6B1387A
CB-1388P	4B1388A
CB-1401A*3	3B8336A
CB1401A*4	4B8336A
CB-1401P*3	3B8336P
CB-1401P*4	4B8336P
CB-1406A*4	4B8360A
CB-1407A*4	4B8281A
CB-1408P*4	4B2322A
CB-1410P*6	6B1410A
CB-1426A*4	4B1606A
CB-1426A*5	5B1606A
CB-1426H	4B1606H
CB-1426HX	4B1606HX
CB-1437P	6B1170A
CB-1442A*10	10B1442A
CB-1442A*8	8B1442A
CB1442H	8B1442H
CB1442HX	8B1442HX
CB-1442P*8	8B1442P
CB-1443A*6	6B2306A
CB-1443AL	6B1443A
CB-1443P	6B2306P
CB-1451A*4	4B1350A
CB-1453AL	4B8351A
CB1453H	4B8351H
CB1453HX	4B8351HX
CB-1455A*4	4B8140A
CB-1456AL*4	4B1936A
CB-1457A*6	6B1935A
CB-1459P*4	4B1955A
CB-1461A*4	4B1956A
CB1461H	4B1956H
CB1461HX	4B1956HX
CB-1461P*4	4B1956P
CB-1469P	3B8324A
CB-1474P	4B1780P
CB-1474P*4	4B1780A
CB-1477A*4	4B8340A
CB-1480A*4	4B2821A
CB-1588A*4	4B1130A
CB-1589A*4	4B2746A

Conrod Bearing Set

CB-1590P*4	4B2950A
CB-1591A*6	6B2390A
CB-1593P*4	4B8380A
CB-1594A*6	6B8040A
CB-1601A*4	4B3040A
CB-1623P	4B1623A
CB-1625P*4	6B8060A
CB-1627P	8B8091P
CB-1627P	8B1327P
CB1628H	6B8100H
CB1628HX	6B8100HX
CB-1629A*4	4B2960A
CB1629H	4B2960H
CB1629HX	4B2960HX
CB-1633P	8B1633P
CB-1635A*4	4B1635A
CB-1639P	4B8365A
CB-1643A*4	4B1185A
CB1643HN	4B1185H
CB1643HXN	4B1185HX
CB-1647P	4B1647A
CB-1648P	8B7280A
CB-1652P*4	4B8300A
CB-1653A*6	6B8149A
CB-1656A*6	6B7990A
CB1657H	4B8296H
CB1657HX	4B8296HX
CB1663H	8B1663H
CB1663HX	8B1663HX
CB-1667A*6	6B4500A
CB-1669*6	6B7310A
CB-1670P*4	6B7170A
CB-1772A*6	6B4395A
CB-1774A*4	4B4135A
CB-1777P*4	4B1910A
CB1780H	4B1912H
CB1780HX	4B1912HX
CB-1781AL*4	4B8376A
CB-1782A*4	4B8036A
CB-1783P*6	6B8061A
CB-1784P*8	8B7210A
CB-1785H	4B1925H
CB1785HX	4B1925HX
CB-1785P	4B1925P
CB-1786A*4	4B1680A
CB1808HN	8B1808H
CB1808HXN	8B1808HX
CB-1808P	8B1808A
CB-1808P	8B1808P
CB-1811P	5B2290A
CB-1811P	4B2290A
CB-1813A*4	4B4565A
CB-1814P*8	8B7270P
CB-1818A*6	6B7200A
CB-1818P	6B7201A
CB-1822P	4B1075P
CB-1822P	4B1075A
CB-1823P*6	6B5568A
CB-1824A*4	6B5530A



Conrod Bearing Set	
CB-1827P	4B2296A
CB-1829A*4	4B1201A
CB-1830AL*6	6B1840A
CB-1832P	6B1180A
CB-1833P*6	6B8381A
CB-1835A*4	4B8411A
CB-1838A*4	4B8170A
CB1838H	4B8170H
CB1838HX	4B8170HX
CB-1840A*4	4B4390A
CB1840H	4B4390H
CB1840HX	4B4390HX
CB-1840P*4	4B4390P
CB-1842P*5	5B8700P
CB-1851A(6)	6B5502A
CB-1854A*8	8B7206A
CB-1857A*6	6B2640A
CB-1857P*6	6B2640P
CB-1858A*4	4B2620A
CB-1859P	4B1980A
CB-1860P*4	4B1906P
CB1861H	4B1972H
CB1861HX	4B1972HX
CB-1861P*4	4B1972P
CB-1862A*4	4B1978A
CB-1863A*4	4B1851A
CB-1864A*4	4B8210A
CB-1869P	8B7271P
CB-1877A	6B2270A
CB-1881A	6B7228A
CB-1881A*6	6B7315A
CB-1890A	6B8262A
CB-1894A	8B2990A
CB-1894P	8B2990P
CB-1905P	8B2630P
CB-1909A	4B7190A
CB1918H	4B1236H
CB1918HX	4B1236HX
CB-1919A*4	4B2907A
CB-1920H	4B1856H
CB-1920HX	4B1856HX
CB1925H	4B8172H
CB1925HX	4B8172HX
CB-1926A*4	4B1256A
CB-1927A*4	4B1810A
CB-1928A	4B7900A
CB-1944A*8	8B7255A
CB-1947A*6	6B8306A
CB-1948A(4)	4B1266A
CB-1961A	4B8420A
CB-1962A*4	4B2626A
CB-1967A	4B1250A
CB-1969H	6B2500H
CB-1969H	1B2500H
CB-418P*8	8B481P
CB-461AL	8B7260A
CB481H	1B481H
CB481H	8B481H
CB481HX	1B481HX

Conrod Bearing Set	
CB481HX	8B481HX
CB-481P	1B481P
CB-481P*8	8B481A
CB-488AL(4)	4B2201P
CB527HND	8B527HD
CB527HXND	8B527HXD
CB-527P	8B527A
CB-542P	8B542A
CB-583A*6	6B2150A
CB-583AL	4B583A
CB-583P*6	6B2150P
CB-603AL*4	4B603A
CB-606P*6	6B606A
CB-610A*8	8B610A
CB-610P	6B610A
CB610P*4	4B610A
CB-634A*8	8B634A
CB634HN	8B634H
CB634HND	8B634HD
CB634HXN	8B634HX
CB634HXND	8B634HXD
CB-634P*8	8B634P
CB-663A*8	8B663A
CB663HND	8B663HD
CB663HXN	8B663HX
CB663HXND	8B663HXD
CB-663P	8B663P
CB-667A*4	4B2681A
CB-684P*8	8B684A
CB-699P	6B699A
CB-723A*6	6B723A
CB743HN	8B743H
CB743HND	8B743HD
CB743HXND	8B743HXD
CB-743P	8B743A
CB-743P	8B743P
CB-745A*4	4B745A
CB-745A*8	8B745A
CB745HN	8B745H
CB745HND	8B745HD
CB745HXN	8B745HX
CB745HXND	8B745HXD
CB-745P	8B745P
CB-745P	6B745A
CB-758P	8B758P
CB-760A*8	8B760A
CB-780A*4	4B2451A
CB-809P	6B1506P
CB-818A*8	8B818A
CB818H	8B818H
CB-818P	8B818P
CB-831A	8B831A
CB-846AL	4B2516A
CB-846AL	4B2516P
CB-927A*8	8B927A
CB927H	8B927H
CB-927P	8B927P
CB-931AL	4B2206P

Conrod Bearing Set	
CB-941P	4B1037P
CB960P*4	4B960A
CB960P*6	6B960A
CB-960P*8	8B960A
CB-966A*4	4B1171A
CB-966A*4	6B1171A
CB-967P*4	4B2636A
CB-980P*4	4B2956A
CB981A*4	4B2751A
CB-984A*4	4B984A
CB-993A*4	4B7712A
CR-663A*6	6B663A
CR743HXN	8B743HX
R4540A	4B1816A
R4540A	4B1816P

Main Bearing Set	
MS-1010AL	5M1010A
MS-1010H	5M1010H
MS-1010HX	5M1010HX
MS-1010P	5M1010P
MS-1029P	3M8727P
MS1038H	5M1038H
MS1038HX	5M1038HX
MS-1038P	5M1038A
MS-1039A	5M1039A
MS1039H	5M1039H
MS1039HX	5M1039HX
MS-1039P	5M1039P
MS-1041AL	5M1041A
MS-1050AL	5M1050A
MS-1051A	5M1051A
MS-1054P	5M1172A
MS-1055P	3M2215A
MS-1084AL	5M1084A
MS-1102P	5M1697A
MS-1106P	7M1172A
MS-1107P	5M2967A
MS-1108A	5M2757A
MS-1117P	5M1117A
MS-1117P	5M1117P
MS-1140A	5M8102A
MS-1157A	5M1645A
MS-1266A	5M1266A
MS-1277P	5M1277A
MS-1298P	5M2817A
MS-1329A	3M2637A
MS-1344A	5M1344A
MS-1351AL	5M7705A
MS-1355AL	5M4386A
MS-1389P	7M1389A
MS-1407P	5M2018P
MS-1415AL	5M1415A
MS-1419P	4M1419A
MS-1424AL	5M1424A
MS-1427P	5M1627A
MS-1428P	5M1703A
MS-1429P	4M7982A
MS-1431P	5M1952A

Main Bearing Set	
MS-1432A	5M1432A
MS1432H	5M1432H
MS1432HX	5M1432HX
MS-1434A	6M1605A
MS-1454AL	4M1454A
MS-1455AL	5M1455A
MS-1456P	5M1689A
MS-1457P	5M1457A
MS-1488A	5M1648A
MS-1494P	4M1494A
MS-1524AL	5M1524A
MS-1533P	5M1533A
MS-1537AL	5M8737A
MS-1538AL	6M8737A
MS-1545A	5M1338A
MS-1546AL	5M2524A
MS-1549AL	5M2327A
MS-1557AL	5M1557A
MS-1560P	5M8334A
MS-1563P	5M1563P
MS-1567AL	5M1567A
MS-1568P	5M1568A
MS-1590P	5M1705A
MS-1595A	5M1623A
MS-1596P	5M1596A
MS-1596P	5M1596P
MS-1602A	5M1677A
MS-1603A	5M7807A
MS-1605AL	5M4378A
MS-1607AL	5M2873A
MS-1609AL	7M2873A
MS-1610A	5M2729A
MS-1612A	5M7708A
MS-1618P	5M1947A
MS-1629A	5M1629A
MS-1633P	5M1728A
MS-1639A	5M8134A
MS-1643P	5M7157A
MS-1649A	5M7704A
MS-1652A	5M1028A
MS-1668P	5M1124A
MS-1701P	4M1701A
MS-1702A	4M1702A
MS-1703P	5M8511A
MS-1704A	5M7124A
MS-1708P	4M8337A
MS-1714P	5M8361A
MS-1715A	5M8282A
MS-1733P	5M1733A
MS-1743P	5M1743A
MS-1743P	5M1743P
MS-1752P	5M1884P
MS-1752P	5M1884A
MS-1760P	5M1706A
MS-1774P	7M1165A
MS-1775P	5M1882A
MS-1776AL	5M1869A
MS1779A	5M8337A
MS-1782P	4M1782A



INTERCHANGE

Clevite - ACL

Main Bearing Set	
MS-178AL	5M7264A
MS-1802AL	5M8353A
MS1802H	5M8353H
MS1802HX	5M8353HX
MS-1803P	5M8133A
MS-1804P	5M1957A
MS-1804P	5M1957P
MS-1805P	4M1934A
MS-1806A	5M1932A
MS-1812A	4M7295A
MS-1820A	5M8339A
MS-1821P	5M1824A
MS-1822P	4M1822A
MS-1822P	4M2302A
MS-1822P	4M2302P
MS1840H	5M1957H
MS1840HX	5M1957HX
MS-1945P	5M1139A
MS-1945P	5M1239A
MS-1946A	4M7278A
MS-1947P	7M8874A
MS-1948P	5M1948A
MS-1949A	5M2747A
MS-1950P	5M2949A
MS-1951A	4M2737A
MS-1951P	4M2737P
MS-1952A	4M8352A
MS-1953P	5M8382A
MS-1954A	4M8070A
MS-1983A	4M860A
MS-2006A	4M2006A
MS-2007A	5M2007A
MS-2009P	5M2009A
MS-2010P	4M2010A
MS-2011P	4M8063A
MS-2012A	5M1937A
MS2014H	7M8103H
MS2014HX	7M8103HX
MS2015H	5M2964H
MS2015HX	5M2964HX
MS-2015P	5M2964A
MS-2015P	5M2964P
MS-2017P	5M1867A
MS-2021P	4M2309A
MS-2021P	4M2309P
MS-2022P	4M2022A
MS-2028A	5M2028A
MS-2035A	5M8138A
MS-2037P	4M2037A
MS-2039H	5M1186H
MS-2039HX	5M1186HX
MS-2042P	5M1176A
MS-2056P	5M2056A
MS-2057A	5M8302A
MS-2058A	4M8147A
MS-2061A	7M7989A
MS-2068P	5M2329A
MS-2073P	5M1633A
MS-2076A	5M1144A

Main Bearing Set	
MS-2091P	5M2091P
MS-2095H	5M1959H
MS-2095HX	5M1959HX
MS-2095P	5M1959A
MS-2095P	5M1959P
MS-2198A	5M5647A
MS-2199A	5M7298A
MS2199H	5M7298H
MS2199H	5M7297H
MS2199HX	5M7297HX
MS2199HX	5M7298HX
MS-2200P	6M2200P
MS-2201A	5M7313A
MS-2202A	5M7296A
MS2202H	5M7296H
MS2202HX	5M7296HX
MS-2203A	6M7296A
MS-2204A	5M7141A
MS-2205P	5M7164A
MS-2206P	5M7282A
MS-2207A	4M7262A
MS-2208A	5M7193A
MS-2209A	4M7172A+2T
MS-2209P	4M7172A
MS-2210A	4M7182A+2T
MS-2210P	4M7182A
MS-2211A	5M1695A
MS-2212AL	5M8378A
MS-2213A	5M8037A
MS-2216P	5M7214A
MS2220H	5M2220H
MS2220HX	5M2220HX
MS-2220P	5M2220A
MS-2224A	4M7214A+2T
MS-2224AL	7M2224A
MS2226H	4M1149H
MS2226HX	4M1149HX
MS-2226P	4M1149A
MS-2227A	5M1644A
MS-2228P	7M5569A
MS-2229A	7M5532A
MS-2232A	5M2232A
MS-2234P	5M1202A
MS-2235AL	5M7218A
MS-2237A	5M2627A
MS-2238P	4M1183A
MS-2240P	4M8379A
MS-2243A	5M8412A
MS-2244A	4M7214A
MS-2245A	5M8174A
MS-2248P	6M8702P
MS-2249AL	5M2224A
MS-2250AL	6M2224A
MS2258H	5M8309H
MS2258HX	5M8309HX
MS-2259H	5M5647HX
MS-2259H	5M5647H
MS2261H	5M1219H
MS2261HX	5M1219HX

Main Bearing Set	
MS-2261P	5M1219A
MS-2262P	4M2633A
MS-2262P	4M2633P
MS-2263A	5M2628A+2T
MS-2263A	5M2628A
MS-2266A	5M1979A
MS-2267S	5M1853A
MS-2268A	5M8214A
MS-2269P	5M7274P
MS-2270A	4M5564A
MS-2276A	4M2273A
MS2293H	5M5645H
MS2293HX	5M5645HX
MS-2298A	4M8263A
MS-2299A	5M7191A
MS-2300P	5M2995A
MS-2300P	5M2995P
MS-2301A	5M2905A
MS-2302A	4M4382A+2T
MS-2303A	4M7316A
MS-2303A	4M7229A
MS2307H	5M1237H
MS2307HX	5M1237HX
MS2309H	5M1913H
MS2309HX	5M1913HX
MS-2314A	5M1815A
MS-2315A	5M1259A+2T
MS-2316A	5M7864A
MS-2319A	5M1653A
MS-2325A	4M8307A
MS-2326A	5M1267A
MS-2335A	4M1996A
MS-2336A	5M8423A
MS-2336A	4M1842A
MS-2344A	5M7257A
MS-2348H	1M2505H
MS-2348H	4M2505H
MS429H	5M429H
MS429HX	5M429HX
MS-429P	5M429A
MS-483P	5M483A
MS-496P	5M496A
MS-517P	4M517A
MS-518AL	4M2126A
MS-540P	5M540A
MS-558AL	5M2217A
MS590H	5M590H
MS590HX	5M590HX
MS-590P	5M590P
MS-590P	5M590A
MS-606P	5M7288A
MS-617A	7M617A
MS-704P	7M704A
MS-720AL	5M1112P
MS-742AL	5M2152A
MS-771A	7M2126A
MS-804P	5M804A
MS-805AL	5M805A
MS829H	5M829H

Main Bearing Set	
MS829HX	5M829HX
MS-829P	5M829A
MS-863P	5M863A
MS-876P	5M876A
MS-877P	5M877A
MS-891AL	5M1442A
MS-896P	5M896A
MS-909A	5M909A
MS909H	5M909H
MS909HX	5M909HX
MS-909P	5M909P
MS-960P	4M960A
MS-961P	5M7285A
MS-979A	7M979A
MS-979P	7M2869P
MS-979P	7M979P
MS-981A	5M981A

Piston Pin Bush	
223-3583	RB4230
223-3620	RB4113
223-3651	RB4114
223-3662	RB4223
223-3664	RB3664
CLV431-A	RB4053
CLV431-AA	RB4170

Thrustwasher Set	
TW-105S	2T4302
TW-164S	1T7815
TW-186S	1T1542
TW-218S	2T2167
TW-228S	2T7962
TW-231S	2T4162
TW-232S	1T7709
TW-247S	2T7899
TW-303S	2T1689
TW-314S	2T8737
TW-326S	2T1703
TW-327S	1T1952
TW-346S	2T2873
TW-368S	2T1889
TW-376S	2T7703
TW-400S	2T1727
TW-401S	2T1695
TW-451S	1T1824
TW-453S	1T1869
TW-455S	1T8337
TW-458S	2T1149
TW-463S	2T1705
TW-472S	1T8353
TW-473S	1T1957
TW-474S	1T1934
TW-478S	1T8339
TW-551S	1T2952
TW-552S	2T8352
TW-553S	2T8382
TW-554S	2T8063
TW-587S	1T1937
TW-590S	1T2964

Clevite - ACL

INTERCHANGE



Thrustwasher Set	
TW-595S	1T1867
TW-598S	2T7989
TW-604S	2T8377
TW-605S	1T8037
TW-606S	1T7172
TW-608S	1T7214
TW-611S	1T611S
TW-613S	2T5569
TW-614S	2T5532
TW-615S	1T1842
TW-617S	1T1183
TW-619S	1T8412
TW-677S	1T1219
TW-678S	2T2633
TW-679S	1T2628
TW-684S	1T1853
TW-692S	2T8263
TW-694S	1T7191
TW-695S	1T7229
TW-697S	1T2905
TW-7002S	1T1649
TW-704S	2T1644
TW-707S	1T7809
TW-708S	1T8307
TW-712S	1T1996
TW-715S	2T8423
TW-716S	1T2627
TW-722S	1T2505



INTERCHANGE

Daido - ACL

Balance Shaft Bearing Set

B162A	4BS8452
B168A	2BS8453
B7277A	2BS8559A
B761A	2BS8586A
B765A1	3BS8385

Camshaft Bearing Set

C133A	3C8230A
C177A	3C8454A
C178A	5C8460A
C202W	4C4286
C205W	3C4036
C236W	3C4018
C3023A	3C4212
C3207W	5C4195
C325A	4C4042
C433W1	6C8081
C434W1	3C8081
C4547A	5C8553A
C4548A	5C8554A
C4549A	5C8555A
C4650A1	3C8084
C513W	3C6127
C514W	5C6128A
C516W	5C8083
C525W	3C8116
C528W1	4C8081
C535W	3C8127
C768W	4C8566A
C8130W	3C8276
C9606W	5C8180A
SH-1996S	5C7276

Conrod Bearing Set

CB-832A*4	4B2638A
R0103A	4B1201A
R0301A	4B8150A
R133K1	4B8435P
R1550A	4B8425A
R1553A	3B8120A
R1562A	2B8010A
R158A	3B8020A
R1650A	4B8436A
R1668A	3B8010A
R166A	3B8023A
R167K	3B8024A
R1680A	4B8016A
R1770A	4B1351A
R178A	4B1426A
R2005K	4B2751A
R2025K	6B1171A
R2027A	6B1630A
R2029A	6B2389A
R2036K	4B2636A
R2040K	4B1171A
R2050K	4B2960P
R2050K	4B2960A
R2062A	4B8570A
R2068A	4B2950A
R2070A	4B2770A

Conrod Bearing Set

R2075A	4B2673A
R2076A	4B2674A
R2077A	4B2675A
R2101A	4B2634A
R2502K	6B1301P
R2504A	6B2955A
R2507K	4B2746A
R2510K	6B2630A
R2510K	6B2630P
R2512K	6B2640P
R2512K	6B2640A
R2578A	6B2390A
R2617A	4B1630A
R3020K	4B1366A
R3023K	4B2756P
R3025K	6B1366P
R3026K	4B2776P
R3035K	4B2948A
R3038K	6B2966P
R3307K	6B2716P
R3327K	6B2776P
R4000K	6B1831P
R4005K	6B1839P
R4036K	6B1886P
R4510A	4B8561A
R4515A	4B8560A
R4521A	4B1881A
R4545K	4B1854P
R4547K	4B1836P
R4650A1	4B1890A
R514K	4B2815A
R522A	4B2821A
R523A	4B1820A
R5600K	4B8328P
R5600K	4B8328A
R5606K	2B8316A
R5700A	4B8320A
R5700A	4B8320P
R5705A	4B8296P
R5705A	4B8296A
R5802A	4B8291A
R5803A	4B8290A
R5807K	3B8323A
R5808K	3B8324A
R5874A	6B8270A
R5901A	3B8540A
R5901A	3B1266A
R5902A	3B8358A
R5983A	4B1266A
R5985A	3B8336A
R5986A	4B8336A
R5987A	4B8340A
R5995A	4B8441A
R5996A	4B8440A
R6018K	6B1536P
R6029K	4B1535P
R6029K	4B1191P
R6032K	4B1230P
R6035K	4B1234P

Conrod Bearing Set

R6036K	4B1235P
R6051K	4B1196P
R6058K	4B1190P
R6321K	6B1230P
R7061A	3B8583A
R7073A	2B8577A
R7200A	4B8036A
R7204K	4B8038A
R7263A	4B1736A
R7264A	4B1130A
R7265A	4B1146A
R7268K	4B1141A
R7270A	4B1136A
R7281A	4B1185A
R7285A	6B1150A
R7300A	4B8564A
R7700K	6B1180A
R7708A	6B1140A
R7800K	4B1770P
R7801K	4B1800P
R809A	4B8331A
R8102A	4B1756A
R8108A	4B8351A
R8111A	4B2130A
R8115A	4B8300A
R8125A	4B1156A
R8130A	4B1151A
R8145A	4B1626A
R8310K	6B8149A
R8320A	4B8170A
R8321A	4B4390A
R8321A	4B4390P
R8350A	4B8547A
R8360K	4B1776A
R8370A	4B8144A
R8380K	4B1750A
R8400K1	4B1760P
R8403K	6B1760P
R8416A	4B8330A
R8419A	4B8143A
R8450A	4B8240A
R9037A	6B8470A
R9038A	6B8472A
R9038K	6B8472P
R9040A	6B8471A
R9040K	6B8471P
R9070K	4B1686A
R9100A	4B8210A
R9105A	4B1851A
R9106A	4B8450A
R9310K	8B8091P
R9321A	6B7990A
R9324K	6B8040A
R9327A	6B8060A
R9350A	4B8486A
R9375A	4B8395A
R9375A	4B8370A
R9380A	4B8364A
R9416A	4B8493A

Conrod Bearing Set

R9449A	6B8493A
R9500A1	4B1850A
R9750K	4B1910A
R9760K	4B1980A
R9770A	4B1978A
R9780K	4B1906P
R980K1	4B1950A
R981K	4B1930A
R982K1	4B1951A
R983K	4B1460A
R984A	4B1955A
R985K1	2B1990A
R988K	4B1926A
R989K	4B1946A
R989K	4B1946P
R990K	4B1956A
R990K	4B1956P
R991K	4B1936A
R993K	4B1927A
R994K	3B1988A
R995K	6B1974A
R998K	6B1935A

Main Bearing Set

M0103A	5M1202A
M0103A	5M1218A
M133K	5M8439P
M1550A	5M8426A
M1553A	4M8126A
M1559A	4M8019A
M1562A	3M8011A
M1563A	3M8015A
M1650A	5M8438A
M1668A	4M8011A
M1669A	4M8009A
M166A	4M8025A
M1776A	5M1382A
M178A	5M1392A
M180A	5M8017A
M2010K	5M2757A
M2025K	7M1172A
M2029A	7M2394A
M2040K	5M1172A
M2042K	5M1176A
M2050K	5M2964P
M2050K	5M2964A
M2065A	5M1224A
M2068A	5M2949A
M2070A	5M2769A
M2075A	4M2653A
M2101A	5M2635A
M238K	3M2637A
M2503K	7M1305P
M2504A	7M2953A
M2507K	5M2747A
M2510K	4M2633P
M2510K	4M2633A+4T
M2510K	4M2633A
M3020K	3M1367A



Main Bearing Set	
M3035K	5M2965A
M3038K	7M2965P
M321K	5M1369A
M324K	5M2775A
M3307K	7M2717P
M4000K	7M1837P
M4027K	7M1888P
M4028K	7M1889P
M4029K	7M1884P
M4036K	7M1887P
M4510A	5M8562A
M4521A	5M1883A
M4547K	5M1837A
M4547K	5M1837P
M4631K	5M1848P
M4631K	5M1848A
M4632K	5M1894P
M4632K	5M1894A
M4640K	5M1847A
M4640K	5M1847P
M4650A	5M1892A
M5022A	5M1882A
M5022A	5M2809A
M5523A	5M1824A
M5600K	5M8329A
M5606K	3M8318A
M5700A	5M8309P
M5700A	5M8309A
M5800A	3M8292A
M5802A	3M8293A
M5803A	3M8294A
M5807K	4M8326A
M5874A	4M8271A
M5901A	4M8355A
M5983A	5M8342A
M5985A1	4M8337A
M5986A	5M8337A
M5987A	5M8339A
M598A	4M8542A
M5990A	4M8338A
M5996A	5M8443A
M6029K	5M1198P
M6050K	5M1197P
M6325K	7M1232P
M6331K	7M1199P
M7061A	4M8584A
M7073A	3M8578A
M7074A	3M8580A
M7200A	5M8037A
M7204K	5M8039A
M7264A	5M1124A
M7268K	3M1142A
M7275A	5M1139A
M7275A	5M1239A
M7277A	5M1137A
M7278A	5M1227A
M7280A	5M1153A
M7280A	5M1217A
M7280A	5M1144A

Main Bearing Set	
M7281A	5M1186A
M7285A	4M1149A
M7300A	5M8565A
M7700K	4M1183A
M7800K	5M1778P
M802A	3M1757A
M8108A	5M8353A
M8111A	5M8137A
M8111A	5M8134A
M8115A	5M8302A
M8126A	5M1157A
M8128A	5M1167A
M8133A	5M1627A
M8146A	5M8335A
M822A2	5M8354A
M8320A	5M8174A
M8350A	5M8548A
M8360A	5M1777A
M8380K	5M1748A
M8400K	5M1747P
M8450A	5M8242A
M9037A	7M8474A
M9038A	7M8475A
M9040K	7M8476A
M9100A1	5M8214A
M9106A	5M8458A
M9321A	7M7989A
M9324K	4M8063A
M9327A	4M8070A
M9350A	5M8487A
M9375A	5M8372A
M9375A	5M8399A
M9380A	5M8368A
M9416A	5M8494A
M9419A	7M8494A
M9446A	5M8258A
M9500A1	5M1852A
M9750K	5M1959A
M9750K	5M1959P
M9770A	5M1979A
M980A	5M1952A
M983K	5M1947A
M985A	3M1991A
M986A	3M1992A
M988A	5M1932A
M9900K	5M1957A
M9900K	5M1957P
M9905K	4M1975A
M993A	5M1928A
M994A	4M1989A
M9950K	5M1937A
M9980K	4M1934A

Piston Pin Bush	
P1777L	4RB4022
P1778L	4RB4145
P1779L	4RB4094
P2050L	4RB4274
P205L	4RB4269

Piston Pin Bush	
P226L	6RB4102
P229L	6RB4271
P231L	6RB4074
P243L	4RB4102
P244L	4RB4270
P2504L	6RB4273
P2505LS	4RB4278
P2507L	4RB4105
P2510L	6RB4276
P2632L	6RB4272
P264L	4RB4266
P273L	4RB4265
P275L	6RB4275
P278L	6RB4190
P279L	6RB4191
P3020L	4RB4096
P3025L	6RB4096
P3030L	4RB4112
P307L	4RB4066
P321L	4RB4081
P336L	4RB4101
P338L	6RB4101
P4100L	4RB4292
P433L	6RB4287
P436L	6RB4073
P450L	4RB4103
P4544L	4RB4232
P4547L	4RB4291
P4652L	4RB4104
P513L	4RB4288
P516L	4RB4072
P521L	4RB4290
P526L	4RB4058
P528L	4RB4285
P529L	4RB4286
P535L	4RB4283
P540L	4RB4118
P541L	4RB4289
P5802L	4RB4051
P5874L	6RB4234
P5901L	3RB4075
P767L	4RB4297
P768L	4RB4295
P777L	4RB4091
P800L	4RB4017
P808L	4RB4108
P8125L	4RB4024
P816L	4RB4261
P818L	4RB4077
P836L	4RB4088
P837L	4RB4078
P838L1	4RB4068
P8419L	4RB4262
P841L	4RB4264
P842L	6RB4059
P8450L	4RB4111
P9012L	4RB910
P9022L	4RB4040
P9028L	4RB4246

Piston Pin Bush	
P9035L	4RB4008
P9037L	6RB4239
P9039L	6RB4240
P9040L	6RB4241
P9060L	4RB4028
P9066L	4RB4238
P9066L	4RB4257
P9069L	4RB4087
P9105L	4RB4236
P9317L	6RB4028
P9321L	6RB4098
P9324L	6RB4109
P9340L	4RB4245
P9353L	4RB4256
P9375L	4RB4247
P9376L	4RB4097
P9380L	4RB4254
P9413L	4RB4093
P9445L	4RB4244
P9445L	4RB4252
P9449L	6RB4242
P9483L	RB4065
P9484L	4RB4076
P9492L	4RB4095
P9605L	6RB4248
P9606L	6RB4249

Thrustwasher Set	
T1033K	2T8439
T1553A	1T8126
T158A	1T8019
T162A	1T8011
T166A	1T8025
T180A	1T8017
T2036W	2T4302
T2050K	1T2964
T2068A	1T2952
T2070A	1T2769
T2101A	1T2635
T2500A	2T2597
T2510A	2T2633
T2600A	1T2627
T3020A	2T1367
T3023A	2T2775
T310L1	2T2647
T3307K	2T2717
T4510A	1T8562
T4547A	3T1837
T4650A	1T1192
T4651A1	1T1893
T521A	1T1824
T521A	1T2809
T5600A	2T8329
T5901A	1T8355
T5983A	1T8342
T5985A	1T8337
T5987A	1T8443
T5987A	1T8339
T6029L	3T1199



INTERCHANGE

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Thrustwasher Set	
T6320L	3T1232
T650L3	3T1197
T7061A	1T8584
T7200A	1T8037
T7278A	1T1227
T7282A	1T1219
T7285A	2T1149
T7300A	1T8565
T768A	1T1142
T7700A	1T1183
T7800A	2T1778
T8108A	1T8353
T8115A	1T8302
T8122A	2T8334
T8125A	2T1157
T8128A	2T1167
T833W	2T4162
T834A	2T8352
T8350A	2T8548
T8360A	2T1777
T8380A	2T1748
T8400A	2T1747
T8416A	1T8335
T8418A	2T2134
T8450A	2T8242
T9037A	2T8474
T9071A	2T1689P
T9100A	1T1853
T9310A	2T8092
T9321A	2T7989
T9324K	2T8063
T9350A	2T8397
T9375A	2T8372
T9416A	2T8494
T9500A1	2T1852
T9606A	2T1357
T9750A	1T1959
T9800A	1T1952
T985A	1T1991
T990A	1T1957
T9950A	1T1937
T998A	1T1934



Auxillary Bearing Set	
1460M	2C1095S
1726M	2BS7006
1729M	2BS8286
1731M	1C1094S
1892M	2C6002S
60989DR	2BS3134

Balance Shaft Bearing Set	
1487M	2C026S
1776M	2BS8273
1792M	2BS1403S
1805M	3BS8288
1807M	2BS1445S
1810M	3BS8389
3204DR	1BS1400S

Camshaft Bearing Set	
1145M	5C287S
1202M	3C400S
1203M	4C399S
1204M	5C5616
1205M	4C506S
1220M	5C292S
1235M	5C3349
1244M	4C549S
1270MRA	3C3120
1324M	5C638S
1325M	3C4018
1401M	5C671S
1403M	5C5696
1404M	5C616S
1410M	5C716S
1414M	5C1111S
1421M	5C7304
1422M	5C680S
1439M	4C5826
1441M	4C654S
1442M	3C8276
1443M	4C777S
1445M	5C781S
1450M	4C567S
1451M	5C875S
1453M	5C876S
1454M	4C4606
1459M	3C3300
1461M	3C1030S
1462M	4C1031S
1463M	4C1089S
1466M	5C1088S
1473M	4C1115S
1484M	5C1112S
1485M	5C1195S
1492M	4C1102S
1493M	4C1197S
1494M	4C1251S
1496M	5C1199S
1557M	4C5157
1570M	3C4036
1592M	5C4146
1674M	1C3124

Camshaft Bearing Set	
1718M	4C1254S
1741M	2C7813
1755M	4C1246S
1756M	3C1305S
1774M	3C8074
1782M	4C1031BS
1790M	4C1114S
1809M	4C1405BS
1838M	4C1002BS
1842M	4C777BS
1843M	4C048AS
1844M	4C1441S
1855M	4C1351S
1886M	4C1447S
1889M	4C1812S

Conrod Bearing Set	
19-1985A	10B1442A
3-1140RA	3B8336A
4-1015RA	4B3034A
4-1025RA	4B1710A
4-1035CP	4B1383A
4-1040CP	4B2840A
4-1130RA	4B1756A
4-1140RA	4B8336A
4-1150CP	4B1049A
4-1245CP	4B1630A
4-1245CP	4B1630P
4-1400RA	4B1380A
4-1495P	4B1946A
4-1495P	4B1946P
4-1510P	4B1930A
4-1520	4B1955A
4-1540AP	4B1388A
4-1610RA	4B8380A
4-1645RA	4B1441A
4-1835CP	4B1936A
4-1860CP	4B2872P
4-1860CP	4B2872A
4-1900RA	4B1890A
4-2090RA	4B4376A
4-2380CP	4B583A
4-2390P	4B2451A
4-2500RAA	4B610A
4-2785RA	4B603A
4-2850RA	4B1030A
4-2865RA	4B7891A
4-2950RA	4B7826A
4-2950RAA	4B7900A
4-2950RAB	4B7908A
4-2965CP	4B2201P
4-3025RA	4B2806A
4-3135AP	4B2681A
4-3310CPA	4B960A
4-3460CP	4B2166A
4-3485CP	4B1146A
4-3545A	4B984A
4-3665P	4B1216A
4-3800CPA	4B1269A

Conrod Bearing Set	
4-3805CP	4B1276A
4-3890CP	4B1686A
4-3895RA	4B8365A
4-3895RA	4B8360A
4-3910RA	4B8331A
4-3920CP	4B1726A
4-3925RA	4B1690A
4-3950CP	4B1886P
4-3955RA	4B1736A
4-3960CP	4B1701A
4-3975RA	4B2130A
4-3980RA	4B8281A
4-4020CP	4B745A
4-4060CP	4B7820A
4-4135RA	4B4135A
4-4150RA	4B7716A
4-4165RA	4B1810A
4-4175	4B8351A
4-4185RA	4B1623A
4-4190RA	4B8340A
4-4200RA	4B8140A
4-4210CP	4B1350A
4-4245CP	4B2636A
4-4255CP	4B7722P
4-4275RA	4B3040A
4-4300RA	4B7736A
4-4350CP	4B2822P
4-4350CP	4B2822A
4-4355CP	4B1048A
4-4355CP	4B1048P
4-4400RA	4B1047A
4-4405RA	4B7830A
4-4415RA	4B7268A
4-4460CP	4B2746A
4-4470P	4B1956P
4-4470P	4B1956A
4-4475	4B1130A
4-4560P	4B2510P
4-4565P	4B4565A
4-4595A	4B2821A
4-4600CP	4B1780A
4-4600P	4B1780P
4-4615	4B1635A
4-4630RA	4B7735A
4-4630RA	4B2796A
4-4645RA	4B2010P
4-4650RA	4B7710A
4-4700	4B1185A
4-4705A	4B1851A
4-4740A	4B8038A
4-4740A	4B8036A
4-4765P	4B8300A
4-4790P	4B1647A
4-4805CP	4B2960A
4-4805CP	4B2960P
4-4820A	4B1680A
4-4855RA	4B8376A
4-4895RA	4B1256A
4-4925P	4B2290A

Conrod Bearing Set	
4-4930RA	4B8170A
4-4970P	4B2296A
4-4975P	4B1925P
4-5045A	4B8210A
4575P	3B8324A
4-60010CP	4B1110P
4-60475RA	4B8101A
4-60985RA	4B1444A
4-61820RA	4B7767A
4-62045RA	4B7712A
4-65905RA	4B2206P
4-66090RA	4B1018A
4-66240RA	4B2825A
4-66315RA	4B1022A
4-66325RA	4B1062A
4-66410RA	4B7732A
4-66440RAA	4B3062A
4-66525RA	4B1650A
4-66575CP	4B7940P
4-66600RA	4B7805A
4-66625RA	4B1063A
4-66635RA	4B7800A
4-66645RA	4B7802A
4-66645RAA	4B7806A
4-66675CP	4B1136A
4-66715CPA	4B3063P
4-66725RA	4B7730A
4-66740RAA	4B7816P
4-66755RA	4B1266A
4-66780CP	4B1620A
4-67015CP	4B2751A
4-67230CP	4B1171A
4-67340P	4B1950A
4-67345P	4B1951A
4-67350RA	4B1626A
4-67370CP	4B2638A
4-68095CP	4B1636A
4-68105CP	4B1610A
4-68105CP	4B1610P
4-68150CP	4B1076P
4-68150CP	4B5534P
4-68150CP	4B5534A
4-68150P	4B1606A
4-7195CH	4B1912H
5-4350CP	5B2822P
5-4355CP	5B1048A
5-4355CP	5B1048P
5-4925P	5B2290A
5-68095CP	5B1636P
5-68095CP	5B1636A
5-68150CP	5B1606P
5-68150CP	5B1606A
6-1020A	6B1358A
6-1165CP	6B1170A
6-1220RA	6B1385A
6-1460CP	6B1387A
6-1735AP	6B1140A
6-1845CP	6B2390A
6-1920RA	6B1410A



INTERCHANGE

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Conrod Bearing Set	
6-2020CP	6B745A
6-2375CP	6B606A
6-2380CP	6B2150A
6-2500RAA	6B610A
6-2555A	6B663A
6-3150CPA	6B699A
6-3310CPA	6B960A
6-3550CP	6B723A
6-3695RA	6B1214A
6-3750P	6B1227A
6-3755AP	6B2360A
6-3755AP	6B1228A
6-3755APA	6B1443A
6-3755APA	6B2306A
6-3830CPA	6B1283A
6-3950CP	6B1886P
6-4010RA	6B8040A
6-4020A	6B1238A
6-4080CP	6B2875P
6-4380RA	6B8061A
6-4395A	6B4395A
6-4480	6B1935A
6-4500AA	6B4500A
6-4525P	6B5530A
6-4695RA	6B8149A
6-4830A	6B7170A
6-4835RA	6B8060A
6-4840A	6B7200A
6-4840A	6B7201A
6-4846P	6B7315A
6-4854P	6B7310A
6-4905P	6B8381A
6-4920P	6B1840A
6-4990A	6B7231A
6-6630S	6B1131A
66655CP	1B1090P
66655CP	4B1090P
66655CP	3B1090P
6-67035RA	6B7971A
6-67230CP	6B1171A
8-1555CPA	8B758P
8-1985A	8B1442A
8-2000CPA	8B7260A
8-2020CP	8B745A
8-2130CP	8B481A
8-2130CP	8B481P
8-2320CP	8B527A
8-2500RAA	8B610A
8-2555A	8B663A
8-2600A	8B634A
8-2600A	8B634P
8-3045A	8B684A
8-3190A	8B743A
8-3230CP	8B760A
8-3310CPA	8B960A
8-3345P	8B542A
8-3360CPA	8B818A
8-3380A	8B831A
8-3400CP	8B927A

Conrod Bearing Set	
8-3400CP	8B927P
8-3810CP	8B1327P
8-3860AP	8B1286A
8-4825A	8B7280A
8-4835A	8B7210A
8-4960P	8B1808A
8-4960P	8B1808P
AEB4511	4B2406A
C87065CH	8B745H
C87065CHA	8B745HD
C87100CH	8B663H
C87100CHA	8B663HD
C87160CH	8B634H
C87200CH	8B743H
C87200CHA	8B743HD
VPR92190	4B1023A

Main Bearing Set	
126M	5M1010H
134M	5M1039H
149M	5M5647H
152M	5M7298H
153M	5M7296H
159M	5M1959H
159M	5M1959HX
160M	5M1957H
4040M	5M483A
4084M	5M496A
4092M	4M517A
4094M	5M876A
4095M	5M877A
4096MA	5M2217A
4123M	5M1733A
4124MA	7M617A
4125MA	5M590A
4222M	4M2126A
4263M	4M960A
4264M	5M7285A
4281M	5M805A
4289M	7M704A
4290M	7M2126A
4294M	5M804A
4400MA	5M829A
4413M	4M2878P
4418M	5M1457A
4420M	5M863A
4659M	5M1442A
4663M	5M909A
4668M	5M2734A
4687M	5M1112P
4865M	5M2152A
4907M	5M1039A
4907M	5M1039P
4908M	5M7768A
4916M	7M2869P
4916M	7M979A
4923M	5M540A
4924M	5M896A
4925M	5M1010A

Main Bearing Set	
4926MA	5M1038A
4945M	5M1050A
4948MA	5M1051A
4979M	5M1117A
4999MA	5M1266A
5025M	5M1277A
5027M	5M1627A
5028M	5M2817A
5035M	5M1084A
5037M	5M1041A
5060M	5M1424A
5070M	4M1419A
5071M	7M1389A
5078MA	5M1432A
5083M	5M1455A
5085MA	4M1454A
5090MA	4M1494A
5092M	5M1415A
5095MA	5M1344A
5103M	5M1144A
5104M	5M1524A
5107M	5M981A
5109MA	5M1557A
5110M	5M1596P
5110M	5M1596A
5129M	5M1563P
5130M	5M1629A
5138M	5M1567A
6101MA	4M860A
6274M	5M8102A
6279M	5M7915A
6292M	5M2682A
6354M	5M7899A
6356M	5M2519P
6371M	3M2807A
6380M	5M7705A
6442M	7M1132A
6445M	5M2826A
6446M	3M1065A
6483M	3M2805A
6537M	5M4386A
6548M	5M7733A
6551M	3M1649A
6564M	5M7946P
6575M	5M7803A
6576M	5M1132A
6589M	5M1093A
6590M	5M8737A
6593M	5M1137A
6597M	5M7894A
6610M	5M1677A
6611M	5M7804A
6618M	5M1139A
6621M	5M1728A
6622MA	5M8361A
6630M	5M1124A
6631M	5M1882A
6650M	5M8282A
6656M	6M1605A

Main Bearing Set	
6656M	6M1605P
6675M	5M3036A
6676M	5M1568A
6678MA	5M1533A
6680M	5M1695A
6685M	4M8337A
6686MA	5M1869A
6690MA	5M7157A
6692M	5M8134A
6692M	5M8133A
6693M	7M1165A
6695M	5M1706A
6699M	5M1932A
6704M	3M2215A
6704P	3M2637A
6758M	7M1172A
6767M	5M1172A
6786M	5M1689A
6797M	5M8334A
6818M	5M1020A
6819M	5M1645A
6831M	5M2327A
6838M	5M1644A
7011MA	4M1702A
7012M	5M1633A
7022M	5M7703A
7023M	5M7708A
7031M	5M2018P
7044M	5M7704A
7047MA	5M7124A
7050MA	4M1701A
7054M	5M8511A
7084M	5M1028A
7086MA	4M1782A
7090M	4M1149A
7094M	5M1188A
7095MA	5M8337A
7097M	5M1103A
7099M	4M2777P
7102M	5M1957A
7103M	5M1937A
7103M	5M1952A
7106M	7M1884P
7108M	5M2329A
7112M	5M1893A
7116M	5M8382A
7124M	5M2155A
7124M	5M2154A
7127M	5M4378A
7138M	5M2757A
7140M	4M8352A
7141MA	5M7141A
7142M	5M1703A
7143M	5M1697A
7144MA	4M1822A
7144MA	4M2302A
7145MA	4M7982A
7148M	5M1705A
7175M	5M7807A



FM - ACL

INTERCHANGE

Main Bearing Set	
7179M	4M2874P
7191M	5M2834A
7192M	5M9922A
7192M	5M3201A
7193M	5M7193A
7196M	5M2797A
7200M	5M1815A
7203M	5M3064A
7204M	5M8353A
7206MA	5M2009A
7207M	5M8354A
7208M	5M8339A
7210M	5M1623A
7211M	7M8874A
7212M	5M8138A
7217M	5M1948A
7218M	5M1338A
7231M	5M3041A
7242MA	4M2037A
7245MA	4M2006A
7247M	5M2727A
7252M	5M7948P
7255M	5M1053A
7257M	5M2949A
7261M	4M8063A
7261M	4M8070A
7262MA	4M7262A
7263M	5M9953A
7264M	5M7817A
7266M	5M7250A
7270M	5M2091P
7277MA	4M2309A
7278MA	4M7278A
7284M	5M1867A
7285M	5M2747A
7287M	4M1934A
7288MA	4M2022A
7289M	5M5647A
7291MA	5M1743A
7292M	5M2007A
7295MA	4M7295A
7296MA	5M7296A
7297M	6M7296A
7298MA	5M7298A
7304M	7M5532A
7313M	5M7313A
7314M	7M2873A
7315M	5M2873A
7319MA	5M7282A
7319MA	5M1176A
7320M	5M1824A
7321M	5M2056A
7322M	4M2737P
7322M	4M2737A
7324M	5M1959A
7327M	5M4372A
7328M	5M2028A
7330M	5M7808P
7332M	5M2885A

Main Bearing Set	
7337M	5M7864A
7347M	4M8147A
7348M	5M1186A
7350M	4M8326A
7351M	4M2010A
7352M	5M7214A
7354M	5M1853A
7356M	5M8037A
7361M	5M8302A
7369M	5M7164A
7375M	5M2964A
7375M	5M2964P
7382MA	4M7172A+2T
7382MA	4M7172A
7385MA	4M7182A+2T
7385MA	4M7182A
7386MA	4M7214A+2T
7386MA	4M7214A
7388MA	5M7218A
7391M	5M8378A
7403MA	5M1259A+2T
7405M	4M8379A
7408M	4M1842A
7409M	7M2224A
7411MA	5M8174A
7415M	5M1219A
7416M	6M8702P
7419M	5M2220A
7421M	5M2232A
7426MA	4M7234A
7447MA	5M8214A
884M	5M7264A
994M	5M429A
C129M	5M590H
C130M	5M1432H
C139M	5M429H
C140M	5M1038H
C141M	5M829H

Piston Pin Bush	
1989Y	RB4113
1989Y	8RB4113
2874Y	RB4204
3569Y	4RB4017
3569Y	RB4017
3694Y	RB4028
4064Y	RB4122
4-2874Y	4RB4204
4369Y	RB4160
4469Y	RB4170
4469Y	4RB4170
4-66648Y	RB4121
62039Y	RB4162
62039Y	4RB4162
66444X	RB4165
66579YA	4RB4188
66644YB	RB4161
66649RY	RB4163
66649RY	RB4181

Piston Pin Bush	
66649Y	RB4159
66659XA	RB4154
66694Y	4RB4208
66694Y	RB4208
66694YA	RB4203
66694YA	4RB4203
66729Y	RB4206
66729YA	RB4123
66729YA	4RB4123
68099YA	RB4053

Thrustwasher Set	
1063AF	1T8337
1064AP	1T1869
1099AF	2T8382
1203BF	1T1937
1603AF	2T8352
1736AF	2T1149
1826AF	1T1957
2056BF	2T4302
2873BF	2T2734
2897AFF	1T2712A
3567AF	2T4162
3926AF	2T1695
3952BF	2T1889
3954BF	1T1893
3956BF	2T8063
4081AF	1T2874A
4141AF	2T7715
4176AF	1T8353
4191AF	1T8339
4351F	1T1053A
4456F	1T1867
4481F	1T1934
4693F	1T2952
4706F	1T7214
4707F	1T1853
4709F	1T1219
4741F	1T8037
4766F	1T8302
4806F	1T2964
4831W	1T7172
4922F	1T1842
4961F	1T6115
60476BF	1T7815
60946BF	2T3065A
60987AF	1T1822A
60987AFA	1T2849A
61588AFF	1T1093
61823BFA	1T7768
61904BF	2T7899
62037AF	1T2827A
62047BF	1T7707
62047BFA	1T7709
65192BF	1T1542
66326AF	1T1065A
66411AF	1T7733
66494AF	2T4386
66506BF	1T7803

Thrustwasher Set	
66526AF	1T1649
66646BF	1T7804
66716BF	2T3064A
66721BF	2T7703
66741AF	1T7807
67033BF	2T7962
67277BF	2T1689
67332AF	2T1703
67333AF	2T1705
67341AF	1T1952
68092AF	1T1020A
68156BF	2T1604
B4221AF	1T2905



INTERCHANGE

Glyco - ACL

Auxiliary Bearing Set	
07-3088	1BS7006
07-3088/07-308	2BS7006
07-4037	1BS7010
07-4038	1BS7011
17-3720	1BS7009

Camshaft Bearing Set	
N049/4	4C8246
N088/3	3C7936
N118/5	5C7008
N145/3	3C5816
N147/4	4C7004
N147/5	5C7004
N151/6	6C7778A
N161/3	3C3300
N165/4	4C3172
N170/5	5C4326
N182/3	3C3310

Conrod Bearing Set	
01-3040/4	4B8736A
01-3040/5	5B8736A
01-3557/4	4B1846A
01-3584/4	4B8740A
01-3584/5	5B8740A
01-3584/6	6B8740A
01-3841/5	5B5530A
01-3841/6	6B5530A
01-3867/4	4B1615A
01-3874/4	4B5555A
01-3961/4	4B5531A
01-3961/4	4B5531P
01-3977/4	4B7830A
01-4039/4	4B9921A
01-4039/4	4B3200A
01-4040/4	4B7267A
01-4044/4	4B7849A
01-4044/4	4B7849P
01-4100/4	4B5542A
01-4110	3B1012A
01-4114/4	4B1121A
01-4115/4	4B2681A
01-4115/6	6B2681A
01-4116/4	4B3034A
01-4123/4	4B7706A
01-4125/4	4B7700A
01-4127/4	4B1441A
01-4131/4	4B1890A
01-4132/4	4B4376A
01-4133/4	4B7640A
01-4135/4	4B2731A
01-4137/4	4B7826A
01-4138/4	4B7900A
01-4139/4	4B2806A
01-4142/4	4B2166A
01-4142/4	4B943A
01-4146/4	4B1720A
01-4147/4	4B9920A
01-4148/4	4B4135A
01-4149/4	4B7716A

Conrod Bearing Set	
01-4152/4	4B1667A
01-4154/4	4B3040A
01-4155/4	4B7736A
01-4160/4	4B1047A
01-4161/4	4B7860A
01-4162/4	4B7268A
01-4165/4	4B7735A
01-4169/4	4B8101A
01-4171/4	4B1444A
01-4172/4	4B7767A
01-4173/4	4B7712A
01-4174/4	4B2691P
01-4175/4	4B2825A
01-4176/4	4B1022A
01-4177/4	4B1131A
01-4177/6	6B1131A
01-4178/4	4B1062A
01-4179/4	4B7732A
01-4181/4	4B3062A
01-4183/4	4B2162A
01-4184/4	4B1650A
01-4187/4	4B7805A
01-4188/4	4B1063A
01-4189/4	4B7800A
01-4191/4	4B7802A
01-4192/4	4B7806A
01-4195/4	4B7750A
01-4199/4	4B7740A
01-4200/4	4B7730A
01-4202/4	4B7816A
01-4207/4	4B1018A
01-4255/4	4B7908A
01-4259/4	4B5570A
01-4298/4	4B7746A
01-4312	4B2100A
01-4313/4	4B2201P
01-4314/4	4B1030A
01-4316/4	4B603A
01-4319/4	4B2130A
01-4324/4	4B8600A
01-4331/4	4B2206P
01-4332/4	4B1861A
01-4343/4	4B8331A
01-4361/4	4B1816A
01-4362/4	4B2796A
01-4374/6	6B2930A
01-4377/8	8B610A
01-4539/4	4B8351A
01-4558/4	4B7891A
01-4872/3	3B2423A
01-4872/4	4B2423A
01-4979/4	4B2620A
71-0271/4	4B1037P
71-0313/6	6B1041P
71-1459/4	4B2511P
71-1950/4	4B2451A
71-2182/4	4B1506P
71-2182/4	4B1486A
71-2182/6	6B1506P

Conrod Bearing Set	
71-2182/6	6B1486A
71-2195/4	4B1371A
71-2214/6	6B2876P
71-2404/6	6B8734P
71-2724/4	4B2741P
71-2773/4	4B2516P
71-2773/4	4B2516A
71-2974/6	6B2886P
71-2995/4	4B2510P
71-2995/6	6B2510P
71-3084/4	4B1636A
71-3084/4	4B1636P
71-3084/5	5B1636P
71-3084/5	5B1636A
71-3227/4	4B2515A
71-3227/4	4B2515P
71-3227/5	5B2515P
71-3227/5	5B2515A
71-3271/4	4B2740P
71-3271/6	6B2740P
71-3276/4	4B1610A
71-3276/4	4B1610P
71-3419/4	4B1490P
71-3419/6	6B1490A
71-3419/6	6B1490P
71-3442/4	4B5534A
71-3442/4	4B5534P
71-3442/5	5B5534P
71-3442/5	5B5534A
71-3442/6	6B5534A
71-3442/6	6B5534P
71-3476/8	8B8704P
71-3477/8	8B8705P
71-3507/4	4B2010P
71-3531/4	4B2326P
71-3531/4	4B2326A
71-3560/4	4B1370P
71-3560/4	4B1370A
71-3560/6	6B1370A
71-3560/6	6B1370P
71-3566/4	4B1076A
71-3566/4	5B1076A
71-3566/4	4B1076P
71-3566/5	5B1076P
71-3573/6	6B1579P
71-3616/4	4B2726P
71-3626/4	4B2320A
71-3626/4	4B2320P
71-3627/4	4B7740P
71-3628/4	4B7700P
71-3639/4	4B1350A
71-3645/4	4B8741D
71-3645/4	4B8741P
71-3645/5	5B8741D
71-3645/6	6B8741D
71-3694/4	4B1606P
71-3694/4	4B1606A
71-3694/5	5B1606A
71-3694/5	5B1606P

Conrod Bearing Set	
71-3704/4	4B1579P
71-3704/4	4B1579D
71-3704/6	6B1579D
71-3706/8	8B1458P
71-3711/6	6B5546A
71-3711/6	6B5546P
71-3728/4	4B1075P
71-3728/4	4B1075A
71-3730/4	4B1670P
71-3732/4	4B5539D
71-3754/4	4B7880P
71-3754/5	5B7880P
71-3754/6	6B7880P
71-3781/4	4B7755P
71-3817/4	4B2526P
71-3817/6	6B2526P
71-3817/8	8B8706P
71-3821/4	4B2410P
71-3842/4	4B8720P
71-3842/4	4B8720A
71-3847/4	4B5536D
71-3847/5	5B5536D
71-3857/6	6B8724P
71-3857/8	8B8724P
71-3861/4	4B8721D
71-3861/4	4B8721P
71-3869/4	4B5290P
71-3870/4	4B5290D
71-3876	1B8700D
71-3876	1B8700P
71-3876/5	5B8700P
71-3882/3	3B2600P
71-3889/4	4B1685P
71-3902/4	4B9950P
71-3902/5	5B9950P
71-3904/3	3B5537D
71-3904/4	4B5537D
71-3929/4	4B1609P
71-3930/4	4B5538P
71-3930/4	4B5538D
71-3930/5	5B5538D
71-3951/4	4B7760D
71-3952/4	4B7747D
71-3958/4	4B2819P
71-3958/5	5B2819P
71-3986/4	4B7770D
71-3986/4	4B7770P
71-3988/4	4B7816P
71-3994	4B2830P
71-3994	1B2830P
71-3994/5	5B2830P
71-3996/4	4B1046P
71-3998/4	4B8716P
71-4002/4	4B8717P
71-4041/4	4B7845P
71-4082/4	4B7780P
71-4085/4	4B1516D
71-4085/6	6B1516D
71-4118/4	4B2840A



Conrod Bearing Set

71-4120/4	4B1049A
71-4122/4	4B1630A
71-4126/4	4B1441P
71-4129/4	4B2872A
71-4129/4	4B2872P
71-4130/4	4B7941P
71-4157/4	4B2822P
71-4157/4	4B2822A
71-4157/5	5B2822A
71-4157/5	5B2822P
71-4158/4	4B1048A
71-4158/4	4B1048P
71-4167/4	4B2162P
71-4168/4	4B1110P
71-4185/4	4B7940P
71-4194/4	4B1136A
71-4198/4	4B3063P
71-4209/5	5B1048P
71-4209/5	5B1048A
71-4218/6	6B2875P
71-4234	4B1090P
71-4234	1B1090P
71-4234	3B1090P
71-4243/4	4B5506P
71-4246/4	4B7775P
71-4246/4	4B7775A
71-4279/4	4B7722P
71-4297/4	4B1816P
71-4309/3	3B8010A
71-4311/4	4B7820A
71-4341/4	4B1886P
71-4357/4	4B1955A
71-4371/6	6B2991
71-4376/4	6B8396A
71-4378/8	8B9965P
71-4379/4	4B603P
71-4382/4	4B4370P
71-4396/4	4B2690A
71-4396/4	4B2690P
71-4528/4	4B1320A
71-4567/4	4B1770P
71-4732/4	4B8306A
71-4744/4	4B7848P
71-4805/4	4B1516P
71-4805/6	6B1516P
71-4806/4	4B1395P
71-4806/6	6B1395P
71-4856/6	6B1839P

Main Bearing Set

02-4549 (5)	5M1815A
72-3856	1M8702P
72-3856	1M8702D
72-3856/6	6M8702P
72-3995	5M2884A
72-3995	1M2884A
AEM3385	3M2407A
H003/5	5M2729A
H007/5	5M1538P

Main Bearing Set

H007/5	5M1538A
H016/5	5M2727A
H023/5	5M1532P
H023/5	5M1532A
H023/7	7M1532A
H023/7	7M1532P
H024/5	5M1675A
H025/5	5M1643P
H025/5	5M1643A
H026/5	5M1648A
H027/5	5M1644A
H033/5	5M1459A
H034/4	4M5547P
H035/6	6M5532A
H035/7	7M5532A
H036/5	5M8713P
H038/5	5M2015P
H039/5	5M2155A
H046/5	5M7884A
H046/6	6M7884A
H046/7	7M7884A
H048/5	5M2870P
H048/7	7M2870P
H059/5	5M2325A
H059/5	5M2413P
H065/5	5M8722A
H066/4	4M5549A
H069/4	4M8725A
H069/5	5M8725A
H072/4	4M2605A
H077/5	5M5287A
H079/5	5M5540A
H079/5	5M5540P
H084/5	5M1653A
H084/5	5M1668A
H086/5	5M7738A
H097/5	5M7866A
H098/5	5M7808P
H1001/5	5M8718A
H1002/5	5M8719A
H1011/5	5M2895A
H1013/5	5M7850A
H1018/5	5M2276A
H1026/4	4M2942A
H1027/5	5M2942A
H1028/5	5M1442A
H1029/5	5M2734A
H1030/5	5M1112P
H1031/5	5M7768A
H1034/5	5M8102A
H1034/5	5M2826A
H1037/5	5M2682A
H1037/7	7M2682A
H1038/3	3M3161A
H1039/3	3M2807A
H1042/5	5M7909A
H1044/3	3M1065A
H1046/5	5M7733A
H1049/5	5M7946P

Main Bearing Set

H1050/7	7M7823P
H1052/5	5M7803A
H1055/5	5M1137A
H1056/5	5M7752A
H1057/5	5M1677A
H1058/5	5M7804A
H1065/5	5M7864A
H1066/5	5M7772A
H1067/5	5M3036A
H1069/5	5M1020A
H1071/5	5M7708A
H1074/5	5M7704A
H1075/5	5M1028A
H1076/5	5M5507A
H1078/5	5M1893A
H1079/5	5M2154A
H1080/5	5M7807A
H1082/4	4M2874P
H1084/5	5M2834A
H1085/5	5M9922A
H1085/5	5M3201A
H1086/5	5M7193A
H1087/5	5M2797A
H1089/5	5M3064A
H1090/7	7M7837P
H1091/5	5M3037A
H1092/5	5M3041A
H1094/5	5M7948P
H1095/5	5M2885A
H1095/6	6M2885A
H1096/4	5M1053A
H1097/7	7M7827P
H1098/5	5M9953A
H1099/5	5M7817A
H1100/5	5M7250A
H1101/5	5M7875A
H1104/5	5M7956P
H1105/5	5M1678A
H1106/5	5M2694P
H1107/5	5M7904A
H1110/5	5M8134A
H1111/5	5M1706A
H1113/5	5M7744A
H1117/3	3M2203P
H1119/7	7M1132A
H1120/5	5M1132A
H1127/5	5M1819A
H1128/5	5M8214A
H113/3	3M8727P
H1133/3	3M1649A
H1136/3	3M2692P
H1138/3	3M1031A
H1142/5	5M9966A
H1146/5	5M4386A
H1149/5	5M1322A
H1154/5	5M4378A
H1160/5	5M1892A
H1161/5	5M2134A
H1174/3	3M2805A

Main Bearing Set

H1183/3	3M2204P
H1189/5	5M2217A
H1191/5	5M1777A
H1192/5	5M8353A
H1222/5	5M4375A
H1233/7	7M2394A
H1235/5	5M2167P
H1238/7	7M1588P
H1240/5	5M7899A
H1241/5	5M7894A
H1243/5	5M7888P
H1277/5	5M8307A
H1279/5	5M2698A
H1279/5	5M2698P
H1294/6	6M5558P
H1295/4	4M2425A
H1295/5	5M2425A
H1298/5	5M1518P
H1298/7	7M1518P
H1307/7	7M1837P
H1325/5	5M5543A
H1341/5	5M2628A
H580/5	5M2514P
H581/4	4M2878P
H629/5	5M1548A
H705/7	7M2878P
H783/5	5M2742A
H783/5	5M2742P
H783/7	7M2742P
H783/7	7M2742A
H796/5	5M2519P
H801/5	5M8708P
H853/5	5M2167A
H859/7	7M2880P
H859/7	7M2880A
H901/5	5M1342A
H901/7	7M1342A
H914/5	5M2519A
H914/6	6M2519A
H934/3	3M1372A
H936/4	4M2887A
H941/6	6M1605A
H941/6	6M1605P
H941/7	7M1605P
H941/7	7M1605A
H948/7	7M1539P
H948/7	7M1539A
H951/5	5M8737A
H951/6	6M8737A
H956/7	7M2527A
H956/7	7M2527P
H973/7	7M1507A
H973/7	7M1507P
H975/5	5M1338A
H976/5	5M2018P
H977/5	5M2524A
H981/6	6M1604A
H981/6	6M1604P
H981/7	7M1604P



INTERCHANGE

Glyco - ACL

Main Bearing Set	
H981/7	7M1604A
H982/5	5M2327A
H982/5	5M2329A
H996/5	5M7705A
H997/5	5M2873A
H997/6	6M2873A
H997/7	7M2873A

Piston Pin Bush	
55-2528	RB4150
55-2528	6RB4150
55-2528	4RB4150
55-2532	4RB4010
55-2532	RB4010
55-2723	RB4007
55-2723	4RB4007
55-2784	RB4215
55-2789	RB4216
55-2996	6RB4214
55-3205	RB4300
55-3277	4RB4169
55-3277	RB4169
55-3422	RB4146
55-3422	6RB4146
55-3443	4RB4172
55-3443	6RB4172
55-3443	RB4172
55-3516	4RB4212
55-3525	RB4217
55-3543	RB4209
55-3567	RB4170
55-3567	4RB4170
55-3576	RB4151
55-3576	6RB4151
55-3588	4RB4228
55-3588	RB4228
55-3603	6RB4213
55-3603	4RB4213
55-3620	RB4299
55-3625	5RB4227
55-3625	RB4227
55-3625	4RB4227
55-3625	6RB4227
55-3635	RB4229
55-3648	RB4141
55-3648	6RB4141
55-3648	4RB4141
55-3696	5RB4167
55-3696	RB4167
55-3696	4RB4167
55-3698	RB4171
55-3698	4RB4171
55-3705	4RB4147
55-3705	RB4147
55-3705	6RB4147
55-3715	6RB4175
55-3715	RB4175
55-3719	RB4140
55-3729	4RB4168

Piston Pin Bush	
55-3729	RB4168
55-3783	RB4180
55-3830	RB4225
55-3831	RB4226
55-3865	RB4222
55-3873	RB4119
55-3875	4RB4185
55-3875	RB4185
55-3896	RB4221
55-3898	4RB4231
55-3898	6RB4231
55-3898	5RB4231
55-3927	RB4298
55-3937	4RB4148
55-3937	6RB4148
55-3937	RB4148
55-3984	RB4207
55-3985	RB4200
55-3985	4RB4200
55-3987	4RB4166
55-3987	RB4166
55-4000	RB4219
55-4001	RB4220
55-4006	RB4218
55-4050	4RB4134
55-4050	RB4134
55-4051	4RB4182
55-4099	4RB4189
55-4099	RB4189
55-4102	RB4202
55-4134	RB4197
55-4136	RB4204
55-4136	4RB4204
55-4150	RB4199
55-4159	RB4160
55-4186	4RB4188
55-4186	RB4188
55-4190	RB4158
55-4193	RB4159
55-4196	RB4208
55-4196	4RB4208
55-4197	RB4203
55-4197	4RB4203
55-4232	RB4157
55-4233	RB4161
55-4235	RB4154
55-4248	RB883
55-4264	RB4122
55-4265	RB4198
55-4266	4RB4123
55-4266	RB4206
55-4266	RB4123
55-4280	RB4153
55-4288	RB4162
55-4288	4RB4162
55-4294	RB4163
55-4294	RB4181
55-4299	RB4184
55-4393	RB4165

Piston Pin Bush	
55-4394	RB4186
55-4444	RB4211
55-4444	4RB4211
55-4499	RB4201
55-4501	RB4182
55-4505	RB4155
55-4521	RB4002
55-4524	RB4192
55-4540	RB4156
55-4542	RB860
55-4545	RB4036
55-4562	RB4183
55-4572	4RB4149
55-4572	RB4149
55-4715	RB4177
55-4808	RB4152
55-4808	6RB4152
55-4808	4RB4152
55-4856	RB4187

Thrustwasher Set	
A006/4	2T2204
A113/4	2T8737
A123/4	2T1644
A124/4	2T1604
A125/2	1T2018
A127/2	1T2154
A129/4	2T2873
A130/2	1T2729
A132/4	2T2525
A138/4	2T5547
A139/4	2T5532
A141/2	1T2015
A151/4	2T8722
A154/2	1T2605
A161/2	1T7738
A162/2	2T1695
A163/4	2T8718
A168/2	1T7864
A173/4	2T9952
A174/4	2T5509
A175/4	2T8392
A177/2	1T3161
A178/4	2T4242
A179/4	2T2944
A180/2	1T2152
A181/4	2T2734
A182/2	1T2712A
A183/4	2T7837
A184/4	2T2683
A188/4	2T7715
A190/2	1T1053A
A191/2	1T2884A
A195/2	1T7815
A197/2	1T1822A
A198/2	1T2849A
A199/4	2T7899
A201/2	1T2827A
A202/2	1T7707

Thrustwasher Set	
A203/2	1T7709
A204/2	1T1542
A205/2	1T1065A
A208/2	1T7803
A209/2	1T1649
A210/2	1T7804
A211/4	2T7752
A213/4	2T3064A
A214/4	2T7703
A215/2	1T7807
A215/2	1T7808
A217/2	1T7772
A219/2	1T8342
A220/4	2T1367
A221/2	1T1020A
A223/2	1T7904
A225/4	1T1893
A227/2	1T1093
A228/2	1T7733
A229/4	2T1689
A234/4	2T1132
A236/2	1T7768
A237/4	2T4386
A241/2	1T1617
A241/2	1T9922
A246/4	2T1031
A260/2	1T8353
A267/4	1T2407
A273/2	1T7888
A274/4	2T1778
A276/2	1T1853
A284/2	1T1227
A289/2	1T7850
A292/4	2T1614
A297/2	1T7889
A307/3	3T1837



King - ACL

INTERCHANGE

Auxillary Bearing Set

CS1048B 1C1094S

Camshaft Bearing Set

CS305BB 3C4036

CS3306AM 3C3120

CS410BB 4C654S

CS416BB 4C1115S

CS418BB 4C5826

CS424BB 4C1002BS

CS425BB 4C048AS

CS4409BB 4C1441S

CS512BB 5C875S

CS514BB 5C5616

CS516BB 5C781S

CS527BB 5C1112S

CS529BB 5C4146

CS533BB 5C876S

Conrod Bearing Set

CR1018XA*5 5B8700P

CR1294CA 3B1090P

CR1294CA 1B1090P

CR1649XP 6B2500H

CR301AM 3B1012A

CR306AM 3B8010A

CR307AM 3B8336A

CR309AM 3B8020A

CR312AM 3B8324A

CR321AM 3B8323A

CR324AM 3B1266A

CR329AM 3B8023A

CR334CP 3B2600P

CR339AM 3B8120A

CR343CP 3B2423A

CR4002AM 4B8351A

CR4002XP 4B8351HX

CR4002XP 4B8351H

CR4004AM 4B1870A

CR4005AM 4B2770A

CR4006AM 4B7802A

CR4009AM 4B583A

CR4010AM 4B1383A

CR4015AM 4B7805A

CR4017AM 4B2320A

CR4017XP 4B2322H

CR4017XP 4B2322HX

CR4018AM 4B8360A

CR4019AM 4B7820A

CR4019XP 4B7820HX

CR4019XP 4B7820H

CR4020AM 4B8336A

CR4021AM 4B1380A

CR4023SI 4B960A

CR4027AM 4B8380A

CR4028AM 4B8281A

CR4032AM 4B1780P

CR4032AM 4B1780A

CR4032XP 4B1780H

CR4032XP 4B1780HX

CR4033AM 4B1936A

Conrod Bearing Set

CR4033XP 4B1912HX

CR-4033XP 4B1912H

CR4040AM 4B1810A

CR4042AM 4B1490P

CR4042XP 4B1490HX

CR4042XP 4B1490H

CR4043CP 4B1886P

CR4046AM 4B1956A

CR4046XP 4B1956H

CR4046XP 4B1956HX

CR4049AM 4B1130A

CR4053AM 4B1426A

CR4056AM 4B8340A

CR4059SI 4B1388A

CR405AM 4B2130A

CR4060AM 4B8736A

CR4060AM 4B2515P

CR4060AM 4B2515A

CR4062AM 4B1667A

CR4065AM 4B2746A

CR4071AM 4B8740A

CR4073P 4B7940P

CR4075AM 4B7730A

CR4078AM 4B4376A

CR407AM 4B1630A

CR407XP 4B1630HX

CR407XP 4B1630H

CR4080AM 4B3062A

CR4083CP 4B7941P

CR4085AM 4B1686A

CR408AM 4B1610A

CR408AM 4B1610P

CR4093AM 4B1726A

CR4094CP 4B2510P

CR4096AM 4B8140A

CR4099AM 4B1441A

CR4099CP 4B1441P

CR409AM 4B2451A

CR4102AM 4B1730A

CR4104AM 4B1606A

CR4104CP 4B1606P

CR4104XP 4B1606H

CR4104XP 4B1606HX

CR4105AM 4B8300A

CR4106AM 4B2322A

CR410AM 4B603A

CR410XP 4B603HX

CR410XP 4B603H

CR4119AM 4B8036A

CR4119AM 4B8038A

CR4119XP 4B8036H

CR411AM 4B1636A

CR4120SI 4B1185A

CR4120XP 4B1185HX

CR4120XP 4B1185H

CR4121AM 4B1680A

CR4122AM 4B3034A

CR4125XPG 4B8296H

CR4125XPG 4B8296HX

Conrod Bearing Set

CR4128AM 4B7706A

CR4129AM 4B1701A

CR4130AM 4B8016A

CR4133AM 4B2726P

CR4135AM 4B8365A

CR4136AM 4B2960A

CR4136XP 4B2960H

CR4136XP 4B2960HX

CR4139AM 4B1955A

CR413AM 4B1690A

CR4141AM 4B2821A

CR4141SI 4B1820A

CR4141SI 4B2816A

CR4145XA 4B2410P

CR4149SI 4B1623A

CR414AM 4B2806A

CR4150SI 4B4135A

CR4151AM 4B7268A

CR4157AM 4B1201A

CR4159AM 4B1151A

CR4159AM 4B1756A

CR416AM 4B7640A

CR4170AM 4B2840A

CR4171AM 4B2822P

CR4171AM 4B2822A

CR4173AM 4B1049A

CR4176CP 4B2162P

CR4179AM 4B2638A

CR417AM 4B2201P

CR4182CP 4B1075A

CR4182CP 4B1075P

CR4186CP 4B1776A

CR4187AM 4B1720A

CR418AM 4B1350A

CR4191CA 4B7755P

CR4191SI 4B7755A

CR4192SX 4B7760D

CR4195AM 4B1635A

CR4196XA 4B5536D

CR4197CP 4B2511P

CR4198AM 4B7735A

CR4202CP 4B1191P

CR4208SI 4B9921A

CR4208SI 4B3200A

CR4209XP 4B8366HX

CR4209XP 4B8366H

CR4213XA 4B5290D

CR4215AM 4B8370A

CR4219AM 4B8376A

CR421AM 4B2326P

CR421AM 4B2326A

CR4224AM 4B8330A

CR4225CP 4B1037P

CR4227CA 4B7816P

CR4229AM 4B8390A

CR422AM 4B7891A

CR4232AM 4B1023A

CR4233AM 4B2323A

CR4235AM 4B1206A

Conrod Bearing Set

CR4236AM 4B2796A

CR4242AM 4B1910A

CR424AM 4B1269A

CR4251AM 4B1615A

CR4255AM 4B1647A

CR4256AM 4B4565A

CR4257AM 4B1926A

CR4258AM 4B1930A

CR4259AM 4B1931A

CR4262SI 4B8306A

CR4263SI 4B1851A

CR4264CP 4B1506P

CR4269AM 4B1890A

CR426AM 4B2950A

CR426AM 4B1620A

CR4270AM 4B3040A

CR4280XP 4B8320HX

CR4280XP 4B8320H

CR4285CP 4B8240A

CR4285CP 4B8240P

CR4286CP 4B1230P

CR4287AM 4B1925P

CR4287AM 4B1925A

CR4287XP 4B1925H

CR4287XP 4B1925HX

CR4292CP 4B2526P

CR4295AM 4B1750A

CR4296AM 4B5555A

CR4299AM 4B8600A

CR429AM 4B1710A

CR429AM 4B1361A

CR4300AM 4B1250A

CR4304AM 4B7849P

CR4304AM 4B7849A

CR4305AM 4B7830A

CR4306AM 4B7716A

CR4308AM 4B7736A

CR4310AM 4B7880P

CR4320AM 4B2736A

CR4328CP 4B1770P

CR4333CP 4B9950P

CR4345CA 4B1660P

CR4348CP 4B5531P

CR4348CP 4B5531A

CR4349CP 4B8210A

CR4350AM 4B7906A

CR4353XA 4B7770P

CR4353XA 4B7775P

CR4357XA 4B5506P

CR4363SI 4B2296A

CR4365SI 4B7267A

CR436AM 4B1276A

CR4370CA 4B2260P

CR4370CA 4B2260A

CR4372XA 4B7848P

CR4378SI 4B1256A

CR437AM 4B1076A

CR437CP 4B5534A

CR437CP 4B1076P



INTERCHANGE

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Conrod Bearing Set	
CR437CP	4B5534P
CR4388CP	4B2423A
CR4398SI	4B1978A
CR439AM	4B1946A
CR439AM	4B1946P
CR439XP	4B1946H
CR439XP	4B1946HX
CR4400CP	4B1908A
CR4401AM	4B2691P
CR4405CP	4B2690P
CR4405CP	4B2690A
CR4411AM	4B1370A
CR4418AM	4B1121A
CR4419AM	4B1861A
CR4421AM	4B1110P
CR4423AM	4B745A
CR4424AM	4B2636A
CR4425AM	4B1691A
CR4426AM	4B7900A
CR4429AM	4B2980A
CR442CP	4B1190P
CR4431AM	4B1171A
CR4432AM	4B7767A
CR4437AM	4B1156A
CR4439AM	4B1486A
CR443AM	4B2516A
CR443AM	4B2516P
CR4440AM	4B943A
CR4440XP	4B2166H
CR4440XP	4B2166HX
CR4441AM	4B2206P
CR4442AM	4B2956A
CR4443AM	4B2751A
CR4445AM	4B8291A
CR4448AM	4B8101A
CR444AM	4B1371A
CR4451AM	4B2740P
CR4453AM	4B2824
CR4462AM	4B1950A
CR4463AM	4B1951A
CR4466AM	4B1136A
CR446AM	4B7826A
CR4473AM	4B1062A
CR4476SI	4B984A
CR4481AM	4B1146A
CR4481XP	4B1146H
CR4481XP	4B1146HX
CR4482AM	4B1216A
CR4483AM	4B1018A
CR4485AM	4B1626A
CR4488AM	4B2825A
CR4489AM	4B1266A
CR448AM	4B2406A
CR4493AM	4B7712A
CR4493XP	4B7712HX
CR4493XP	4B7736H
CR4493XP	4B7712H
CR4494SI	4B610A
CR4495AM	4B8331A

Conrod Bearing Set	
CR4496AM	4B1846A
CR4497AM	4B1736A
CR4499AM	4B2162A
CR4500CA	4B2626A
CR4501CA	4B1090P
CR4507SI	4B8170A
CR4507XP	4B8170H
CR4507XP	4B8170HX
CR4512SI	4B1980A
CR4514SI	4B8411A
CR4515SI	4B4390A
CR4515SI	4B4390P
CR4515XP	4B4390HX
CR4515XP	4B4390H
CR4516SI	4B7710A
CR4517XA	4B7886P
CR451AM	4B2100A
CR4528CA	4B1395P
CR4531SX	1B2830P
CR4531SX	4B2830P
CR4533SI	4B2620A
CR4536CA	4B8717P
CR4537CA	4B2903A
CR4537XP	4B2903HX
CR4537XP	4B2903H
CR4540XP	4B1060HX
CR4540XP	4B1060H
CR4541XP	4B1906HX
CR4541XP	4B1906H
CR4542XP	4B1972HX
CR4542XP	4B1972H
CR454AM	4B1012A
CR4586XP	4B1236HX
CR4586XP	4B1236H
CR4587XP	4B2976H
CR4587XP	4B2976HX
CR4590CA	4B1609P
CR4593CP	4B1535P
CR4594XP	4B8440HX
CR4594XP	4B8440H
CR4595XP	4B1110H
CR4596XP	4B1568HX
CR4596XP	4B1568H
CR4597XP	4B1609HX
CR4597XP	4B1609H
CR4599XP	4B2726H
CR4600XP	4B2902H
CR4600XP	4B2902HX
CR4601XP	4B2904HX
CR4601XP	4B2904H
CR4602XP	4B7700H
CR4604XP	4B8172H
CR4604XP	4B8172HX
CR4605XP	4B8336HX
CR4605XP	4B8336H
CR4606XP	4B2010H
CR4605P	4B5538D
CR4605P	4B5538P
CR464AM	4B2681A

Conrod Bearing Set	
CR472AM	4B1366A
CR474SI	4B1320A
CR501AM	5B1636A
CR501AM	5B1606A
CR501AM	5B1636P
CR502CP	5B1076P
CR502CP	5B5534P
CR502CP	5B5534A
CR502CP	5B1076A
CR503AM	5B8736A
CR506AM	5B8740A
CR507AM	5B1048A
CR507AM	5B1048P
CR509AM	5B7880P
CR517AM	5B5530A
CR521CP	5B9950P
CR522XA	4B8741D
CR524SV	5B5538D
CR605SI	6B1238A
CR610AM	6B7160A
CR614AM	6B606A
CR614SI	6B663A
CR618AM	6B2150A
CR618XP	6B2150HX
CR618XP	6B2150H
CR624SI	6B745A
CR640SI	6B699A
CR642SI	6B723A
CR646AM	6B1641A
CR648SI	6B960A
CR650AM	6B2420A
CR6605AM	6B1160A
CR6606AM	6B7971A
CR6607AM	6B1171A
CR6608AM	6B1301P
CR6609AM	6B1486A
CR6614SI	6B610A
CR6615AM	6B1214A
CR6616AM	6B1228A
CR6616SI	6B2360A
CR6617CP	6B5534A
CR6617CP	6B5534P
CR6618AM	6B1227A
CR6619SI	6B1283A
CR6625SI	6B1358A
CR6627AM	6B1630A
CR6629AM	6B1140A
CR6630CP	6B2865A
CR6634AM	6B8040A
CR6636SI	6B1387A
CR6640AM	6B1490A
CR6640CP	6B1490P
CR6640XP	6B1490H
CR6640XP	6B1490HX
CR6641AM	6B8060A
CR6649XP	6B2380H
CR6649XP	6B2380HX
CR6655AM	6B8350A
CR6655AM	6B8149A

Conrod Bearing Set	
CR6658CP	6B1886P
CR6659CP	6B1041P
CR6664SI	6B1443A
CR6664SI	6B2306A
CR6665AM	6B2006A
CR6669AM	6B8061A
CR6670AM	6B2510P
CR6675AM	6B1410A
CR6676SI	6B2390A
CR6676XP	6B2390H
CR6676XP	6B2390HX
CR6678SI	6B5546A
CR6678SI	6B5546P
CR6685AM	6B1840A
CR6686AM	6B8381A
CR6696AM	6B2930A
CR6697XP	6B2960H
CR6697XP	6B2960HX
CR6700AM	6B7880P
CR6706CP	6B2876P
CR6707CP	6B8734P
CR6712SI	6B4500A
CR6716AM	6B8396A
CR6727AM	6B7990A
CR6727XP	6B7990H
CR6727XP	6B7990HX
CR6728AM	6B1360A
CR6735AM	6B1180A
CR6738AM	6B1935A
CR673AM	6B2681A
CR6749CP	6B1579P
CR6750SI	6B5502A
CR6751SI	6B4395A
CR6752XP	6B2630HX
CR6752XP	6B2630H
CR6754XP	6B8100H
CR6754XP	6B8100HX
CR6756CP	6B1506P
CR6757AM	6B5650A
CR6759AM	6B1902A
CR6764AM	6B5530A
CR6764XP	6B5530HX
CR6764XP	6B5530H
CR6775CP	6B2640P
CR6775CP	6B2640A
CR6775XP	6B2640H
CR6776CP	6B2526P
CR6780SI	6B7170A
CR6791AM	6B8146A
CR6809CP	6B2875P
CR6810SI	6B7310A
CR6816SI	6B8306A
CR6822SI	6B7201A
CR6822SI	6B7200A
CR6826SI	6B2270A
CR682AM	10B1442A
CR6837SX	6B1995P
CR6840CP	6B2538P
CR6853XP	6B1497H



Conrod Bearing Set	
CR6853XP	6B1497HX
CR6854XP	6B1515HX
CR6854XP	6B1515H
CR6855XP	6B2452H
CR6855XP	6B2452HX
CR691SI	6B1385A
CR696AM	6B1170A
CR697CP	6B2991
CR8002SI	8B7210A
CR8003SI	8B7280A
CR8007XP	8B2356HX
CR8007XP	8B2356H
CR8028XP	8B1663H
CR8028XP	8B1663HX
CR8030SI	8B7206A
CR8032CP	8B1808P
CR8032CP	8B1808A
CR8032XPN	8B1808HX
CR8032XPN	8B1808H
CR803SI	8B745A
CR803XPN	8B745HX
CR803XPN	8B745H
CR804SI	8B634P
CR804SI	8B634A
CR804XPN	8B634HX
CR804XPN	8B634H
CR805AM	8B481A
CR805CP	8B481P
CR805SI	1B481P
CR805XPN	8B481HX
CR805XPN	8B481H
CR806AM	8B527A
CR806XPND	8B527HD
CR806XPND	8B527HXD
CR807SI	8B663A
CR807XPN	8B663HX
CR807XPN	8B663H
CR807XPND	8B663HXD
CR807XPND	8B663HD
CR808SI	8B743A
CR808XPN	8B743HX
CR808XPN	8B743H
CR808XPND	8B743HXD
CR808XPND	8B743HD
CR809AM	8B760A
CR810AM	8B5242A
CR810AM	8B7260A
CR811SI	8B610A
CR813SI	8B927A
CR813XPN	8B927H
CR814SI	8B831A
CR814SI	8B831P
CR815CP	8B758P
CR816SI	8B818A
CR817AM	8B684A
CR818SI	8B960A
CR819CP	8B1351P
CR829CP	8B1327P
CR868SI	8B1442A

Conrod Bearing Set	
CR868XPN	8B1442H
CR868XPN	8B1442HX
CR873CP	8B1286A
CR874HP	8B818H
CR888XP	8B8091HX
CR888XP	8B8091H
CR890CP	8B9965P
CR896CP	8B1458P

Main Bearing Set	
MB1271XP	4M2505H
MB305AM	3M3427P
MB313AM	3M2205P
MB321AM	3M2203P
MB324AM	3M2805A
MB328AM	3M2204P
MB3305AM	3M2637A
MB3306AM	3M2807A
MB3307AM	3M1142A
MB3312AM	3M2977A
MB3319AM	3M1065A
MB3331AM	3M8293A
MB3343AM	3M2984A
MB3346AM	3M8294A
MB3353CP	3M8727P
MB335AM	3M1372A
MB341AM	3M2407A
MB347AM	3M2215A
MB348AM	3M1692A
MB364AM	3M3161A
MB377CP	5M2514P
MB4007AM	4M1934A
MB4010AM	4M1842A
MB4011AM	4M8379A
MB4012AM	4M8063A
MB4012M	4M8070A
MB4017SI	4M2022A
MB4018SI	4M2309A
MB4023SI	4M2006A
MB4032CP	4M2887A
MB4034SI	4M7295A
MB4040SI	4M2010A
MB4043AM	4M8338A
MB4049SI	4M5564A
MB4050AM	4M1183A
MB4052SI	4M1782A
MB4056SI	4M7262A
MB4057AM	4M1933A
MB4058AM	4M2633A
MB4058XP	4M2633H
MB4058XP	4M2633HX
MB4060SI	4M7278A
MB4062AM	4M1903A
MB4067AM	4M8126A
MB4073SI	4M5547P
MB4074SI	4M7172A
MB4074SI	4M7172A+2T
MB407AM	4M517A
MB4080SI	4M2037A

Main Bearing Set	
MB4089AM	4M2605A
MB409AM	4M771A
MB409AM	4M2126A
MB4101SI	4M2874P
MB4102SI	4M7214A
MB4102SI	4M7214A+2T
MB4103SI	4M7182A
MB4103SI	4M7182A+2T
MB4104XP	4M2737H
MB4104XP	4M2737HX
MB4108AM	4M2425A
MB416AM	4M8011A
MB4271AM	4M1267A
MB4272AM	4M2273A
MB427AM	4M1494A
MB429AM	4M7982A
MB431SI	4M860A
MB438AM	4M1419A
MB440AM	4M2942A
MB443AM	4M960A
MB445SI	4M1454A
MB4508SI	4M1996A
MB4510CP	4M2539A
MB453AM	4M2777A
MB453AM	4M2777P
MB454AM	4M8337A
MB458AM	4M1149A
MB459SI	4M1702A
MB461AM	4M8326A
MB463SI	4M1701A
MB473AM	4M1367A
MB474AM	4M8352A
MB475CP	4M2878P
MB480AM	4M1822A
MB480AM	4M2302A
MB490AM	4M8009A
MB495AM	4M2737A
MB496AM	4M8147A
MB5000AM	5M2942A
MB5007SI	5M2009A
MB5008SI	5M7193A
MB5009AM	5M7250A
MB5012AM	5M3201A
MB5012AM	5M9922A
MB5013XP	5M7298H
MB5013XP	5M7298HX
MB5022AM	5M1202A
MB5022AM	5M1218A
MB5027AM	5M1675A
MB5028AM	5M1648A
MB5031AM	5M9966A
MB5035AM	5M1817A
MB5036AM	5M1053A
MB5037AM	5M2834A
MB5052AM	5M2028A
MB5057AM	5M1777A
MB505AM	5M7904A
MB5062AM	5M7756A
MB5063AM	5M7765A

Main Bearing Set	
MB5065AM	5M4372A
MB506AM	5M1705A
MB5070AM	5M1645A
MB5070SI	5M1654A
MB5074CP	5M1198P
MB5077AM	5M1103A
MB5078SI	5M1819A
MB5081AM	5M7804A
MB5082AM	5M1532A
MB5082XP	5M1538H
MB5082XP	5M1538HX
MB5084AM	5M5287A
MB5085AM	5M8372A
MB5086AM	5M8373A
MB5088SI	5M7164A
MB5089AM	5M8378A
MB5095AM	5M8392A
MB5097AM	5M8133A
MB509AM	5M1038A
MB509XP	5M1038HX
MB509XP	5M1038H
MB5100AM	5M8335A
MB510AM	5M1051A
MB5117AM	5M2873A
MB5118CP	5M2870P
MB511AM	5M1112P
MB511XP	5M1112H
MB5122CP	5M7946P
MB5128AM	5M1867A
MB5129AM	5M1677A
MB512AM	5M2152A
MB512XP	5M2152H
MB512XP	5M2152HX
MB5131AM	5M3064A
MB5132AM	5M4378A
MB5136CP	5M1894P
MB5138AM	5M2524A
MB5145AM	5M1728A
MB5148SI	5M1948A
MB5157AM	5M1188A
MB5158AM	5M2134A
MB5168AM	5M1947A
MB5168AM	5M1937A
MB5168AM	5M1952A
MB5171AM	5M8302A
MB5176AM	5M8037A
MB5176XP	5M8037H
MB5177AM	5M1186A
MB5179AM	5M2329A
MB517AM	5M1266A
MB5180AM	5M7807A
MB5180XP	5M7807H
MB5180XP	5M7807HX
MB5181CP	5M1563P
MB5182AM	5M7704A
MB5193AM	5M1429A
MB519AM	5M2682A
MB5208AM	5M3037A
MB5209XP	5M1186H



INTERCHANGE

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Main Bearing Set	
MB5209XP	5M1186HX
MB5219SI	5M7141A
MB521AM	5M1124A
MB5220XP	5M8297H
MB5220XP	5M8297HX
MB5226AM	5M8138A
MB5227AM	5M1144A
MB5227XP	5M1144HX
MB5227XP	5M1144H
MB5228AM	5M1137A
MB5229AM	5M2967A
MB522AM	5M7894A
MB5230AM	5M1623A
MB5232XP	5M1633HX
MB5232XP	5M1633H
MB5238AM	5M8017A
MB523AM	5M2742A
MB523AM	5M2742P
MB5240AM	5M2729A
MB5243AM	5M2964A
MB5243XP	5M2964H
MB5243XP	5M2964HX
MB5244AM	5M1932A
MB5245AM	5M2747A
MB5247AM	5M2325A
MB524A	5M1153A
MB524AM	5M1217A
MB5251CP	5M1197P
MB5256AM	5M1204A
MB5257CP	5M2091P
MB5259AM	5M1959P
MB5259AM	5M1959A
MB5259XP	5M1959H
MB5259XP	5M1959HX
MB5262AM	5M2797A
MB526AM	5M1342A
MB5270AM	5M7313A
MB5278AM	5M1743A
MB5278XP	5M1743H
MB5278XP	5M1743HX
MB5280SI	5M7296A
MB5280XP	5M7296HX
MB5280XP	5M7296H
MB5281SI	5M5647A
MB5283XP	5M5647HX
MB5283XP	5M5647H
MB5284SI	5M7214A
MB5285AM	5M8307A
MB5286XP	5M8088HX
MB5286XP	5M8088H
MB5287AM	5M1853A
MB5293SI	5M7298A
MB5295AM	5M1892A
MB5296AM	5M1893A
MB529SI	5M590A
MB529XP	5M590H
MB529XP	5M590HX
MB5304AM	5M8353A
MB5304XP	5M8353H

Main Bearing Set	
MB5304XP	5M8353HX
MB5305AM	5M1633A
MB5310CP	5M1837P
MB5311CP	5M1747P
MB5312AM	5M8242A
MB5315AM	5M1219A
MB5315XP	5M1219H
MB5315XP	5M1219HX
MB5317AM	5M2678A
MB5332CP	5M1748A
MB5334AM	5M1459A
MB5337SI	5M5540P
MB5337SI	5M5540A
MB5338AM	5M8602A
MB533AM	5M8102A
MB5344AM	5M8601A
MB5349AM	5M7817A
MB534AM	5M1172A
MB5350AM	5M7865A
MB5351AM	5M7884A
MB5352AM	5M7864A
MB5353S	5M2007A
MB5359AM	5M8142A
MB535AM	5M1704A
MB5367AM	5M2056A
MB536AM	5M2519P
MB536AM	5M2519A
MB5370AM	5M7253A
MB5371SI	5M1176A
MB5371SI	5M7282A
MB5372CP	5M1778P
MB5373AM	5M2949A
MB5375AM	5M1857A
MB5376AM	5M9953A
MB537AM	5M7768A
MB5381XP	5M2357H
MB5381XP	5M2357HX
MB5382XPG	5M8309H
MB5382XPG	5M8309HX
MB5391AM	5M5533A
MB5394AM	5M8214A
MB5399SI	5M7772A
MB5405AM	5M1227A
MB540AM	5M2817A
MB5412SI	5M2885A
MB5413SI	5M2232A
MB5414SI	5M2895A
MB5422AM	5M2425A
MB5423SI	5M1852A
MB5428CP	5M1909A
MB5428SI	5M1979A
MB5429SI	5M2627A
MB542AM	5M7899A
MB5436SI	5M1091A
MB5442SI	5M8174A
MB544AM	5M1548A
MB545AM	5M1084A
MB546AM	5M1239A
MB546AM	5M1139A

Main Bearing Set	
MB547AM	5M1697A
MB548AM	5M1864A
MB549AM	5M2757A
MB5501AM	5M8342A
MB5502AM	5M1050A
MB5503SI	5M1010A
MB5503XP	5M1010HX
MB5503XP	5M1010H
MB5504SI	5M981A
MB5505SI	5M1432A
MB5505XP	5M1432HX
MB5505XP	5M1432H
MB5507AM	5M1455A
MB5508AM	5M7705A
MB5510AM	5M8334A
MB5511CP	5M483A
MB5513AM	5M2154A
MB5514AM	5M805A
MB5515AM	5M4386A
MB5516AM	5M1457A
MB5517AM	5M1415A
MB5518AM	5M1041A
MB5519AM	5M1338A
MB551AM	5M1102A
MB5520AM	5M2327A
MB5521AM	5M1533A
MB5523AM	5M496A
MB5525AM	5M1557A
MB5527AM	5M1695A
MB5527XP	5M1695HX
MB5527XP	5M1695H
MB5528AM	5M8134A
MB5529AM	5M8572A
MB552AM	5M1715A
MB552AM	5M1689A
MB5530AM	5M1524A
MB5531AM	5M1567A
MB5532SI	5M1733A
MB5533SI	5M7157A
MB5534SI	5M1344A
MB5537AM	5M8354A
MB5540SI	5M1869A
MB5544AM	5M7803A
MB5545AM	5M2769A
MB5546AM	5M3501A
MB5547AM	5M1629A
MB5549A	5M1028A
MB5549AM	5M1442A
MB554AM	5M429A
MB554XP	5M429H
MB554XP	5M429HX
MB5553AM	5M2018P
MB5554AM	5M8361A
MB5554XP	5M8361H
MB5554XP	5M8361HX
MB5556AM	5M8337A
MB5557SI	5M7124A
MB5558SI	5M1706A
MB5559AM	5M1882A

Main Bearing Set	
MB555AM	5M876A
MB5560SI	5M1568A
MB5563AM	5M8282A
MB5564AM	5M8382A
MB5566AM	5M1644A
MB5566XP	5M1644H
MB5566XP	5M1644HX
MB5568AM	5M1957P
MB5568AM	5M1957A
MB5568XP	5M1957H
MB5568XP	5M1957HX
MB5569AM	5M7708A
MB556SI	5M829A
MB556XP	5M829HX
MB556XP	5M829H
MB5575AM	5M2683A
MB5576AM	5M1815A
MB5578AM	5M1538A
MB5578AM	5M1538P
MB5579AM	5M1884A
MB5579CP	5M1884P
MB557SI	5M909A
MB557XP	5M909H
MB557XP	5M909HX
MB5586AM	5M1824A
MB5587AM	5M8339A
MB5589AM	5M5507A
MB558SI	5M540A
MB5590SI	5M8511A
MB5591AM	5M8737A
MB5592AM	5M1678A
MB559AM	5M863A
MB5621SI	5M7850A
MB5627AM	5M3044A
MB5628AM	5M3045A
MB5641AM	5M1259A+2T
MB5641SI	5M1259A
MB5644CP	1M2884A
MB5644CP	5M2884A
MB5646SI	5M8412A
MB5648SI	5M7888P
MB5650SI	5M1039A
MB5650SI	5M1039P
MB5650XP	5M1039H
MB5650XP	5M1039HX
MB5654CP	5M2015P
MB5656SI	5M8458A
MB5658AM	5M1267A
MB5659SI	5M2220A
MB5659XP	5M2220HX
MB5659XP	5M2220H
MB5661SI	5M1668A
MB5662AM	5M1397A
MB5663SI	5M8438A
MB5664AM	5M2628A
MB5667SI	5M2918A
MB5672XP	5M2167H
MB5672XP	5M2167HX



King - ACL

INTERCHANGE

Main Bearing Set	
MB5673XP	5M1913H
MB5673XP	5M1913HX
MB5675AM	5M2276A
MB5682SI	5M7218A
MB5721XP	5M2975HX
MB5721XP	5M2975H
MB5722XP	5M1237HX
MB5722XP	5M1237H
MB5727XP	5M8443HX
MB5727XP	5M8443H
MB5729XP	5M2797HX
MB572AM	5M1627A
MB5730XP	5M2908H
MB5730XP	5M2908HX
MB5731XP	5M8337HX
MB5731XP	5M8337H
MB577AM	5M1143A
MB578AM	5M1167A
MB580AM	5M1703A
MB582AM	5M1117A
MB582XP	5M1117H
MB582XP	5M1117HX
MB583AM	5M1802A
MB583AM	5M7264A
MB589AM	5M2217A
MB590AM	5M7733A
MB592AM	5M1424A
MB593AM	5M1020A
MB596AM	5M1362A
MB597AM	5M1322A
MB601AM	6M1605A
MB601AM	6M1605P
MB605AM	6M1604P
MB605AM	6M1604A
MB606AM	6M2873A
MB607SI	6M2885A
MB608AM	6M2519A
MB609AM	6M8737A
MB612AM	6M7884A
MB621AM	6M7296A
MB622AM	6M5532A
MB624XA	6M8702P
MB626AM	6M9952A
MB632CP	6M5558P
MB7001AM	7M1604P
MB7008XP	7M2394HX
MB7008XP	7M2394H
MB7021CP	7M2878P
MB7023AM	7M7884A
MB7026P	7M1305P
MB7028AM	7M8397A
MB7029AM	7M1388A
MB7039AM	7M1532A
MB7039XP	7M1532H
MB7039XP	7M1532HX
MB7049A	7M7989A
MB7058AM	7M2394A
MB7063XP	7M2092H
MB7063XP	7M2092HX

Main Bearing Set	
MB7084AM	7M8103A
MB7084XP	7M8103HX
MB7084XP	7M8103H
MB7089AM	7M5532A
MB7089XP	7M5532HX
MB7089XP	7M5532H
MB7092AM	7M2428A
MB7092XP	7M2428HX
MB7092XP	7M2428H
MB7100AM	7M1604A
MB712CP	7M7823P
MB717CP	7M7837P
MB727AM	7M2682A
MB738AM	7M1122A
MB752SI	7M617A
MB760SI	7M979A
MB762AM	7M2126A
MB763AM	7M704A
MB767AM	7M1164A
MB768AM	7M1172A
MB7703XP	7M2158HX
MB7703XP	7M2158H
MB7704XP	7M2398HX
MB7704XP	7M2398H
MB7705CP	7M2870P
MB7705CP	7M2869P
MB770AM	7M1507A
MB7713CP	7M1884P
MB7716CP	7M2880P
MB7716CP	7M2880A
MB7719AM	7M8874A
MB7721AM	7M2873A
MB776AM	7M1605P
MB776AM	7M1605A
MB785AM	7M1389A
MB787AM	7M1165A
MB788CP	7M2997
MB798CP	7M1539A

Thrustwasher Set	
TW1003AM	1T611S
TW1005AM	1T2884A
TW1006AM	1T7850
TW1008AM	1T2628
TW1009AM	1T2849A
TW1015SI	1T1996
TW1020AM	1T2539
TW1039AM	1T2605
TW104AM	1T2712A
TW105AM	1T1822A
TW106AM	1T2152
TW109AM	1T2407
TW110AM	1T1952
TW113AM	1T2827A
TW118AM	1T1824
TW118AM	1T3286
TW121AM	1T7815
TW132AM	1T7707
TW133AM	1T8353

Thrustwasher Set	
TW134AM	1T8337
TW135AM	1T7803
TW139AM	1T2964
TW140AM	1T1957
TW141AM	1T1869
TW142AM	1T1867
TW143AM	1T8037
TW144AM	1T8339
TW145AM	1T8017
TW146AM	1T1893
TW147AM	1T8011
TW151AM	1T1934
TW152AM	1T1937
TW156AM	1T8302
TW158AM	1T1183
TW159AM	1T2769
TW160AM	1T8342
TW162AM	1T7807
TW162AM	1T7808
TW163AM	1T1192
TW164AM	1T1020A
TW166AM	1T7809
TW167AM	1T7214
TW168AM	1T8307
TW170AM	1T7172
TW171AM	1T1842
TW172AM	1T1649
TW173AM	1T1219
TW174AM	1T1227
TW179AM	1T7772
TW185AM	1T1853
TW186AM	1T1542
TW188AM	1T1053A
TW191AM	1T1065A
TW193AM	1T8412
TW199AM	1T7888
TW2002AM	1T2952
TW2004AM	2T8737
TW2008AM	2T2873
TW2009AM	2T1604
TW2010AM	2T1644
TW2014AM	2T5509
TW204AM	2T4302
TW208AM	2T2683
TW210AM	2T7962
TW212AM	2T7899
TW214AM	2T2167
TW222AM	2T4162
TW225AM	2T8062
TW226AM	2T1689
TW230AM	2T1703
TW231AM	2T1695
TW234AM	2T1705
TW238AM	2T4242
TW244AM	2T3064A
TW246AM	2T7703
TW247AM	2T1149
TW248AM	2T8382
TW249AM	2T8063

Thrustwasher Set	
TW256AM	2T8352
TW257AM	2T8379
TW260AM	2T2944
TW261AM	2T1727
TW262AM	2T1888
TW263AM	2T1889
TW268AM	2T2134
TW271AM	2T2633
TW272AM	2T1367
TW276A	2T1362
TW278AM	2T8372
TW280AM	2T8392
TW285AM	2T8377
TW287AM	2T7989
TW293AM	2T1887
TW296AM	2T7715
TW299AM	2T1778
TW308AM	3T1837



INTERCHANGE

KS - ACL

Camshaft Bearing Set

77 685 600 10C7005

Conrod Bearing Set

77 082 608 4B7640A
 77 084 608 4B7826A
 77 087 608 4B7746A
 77 087 608 4B7700A
 77 088 608 4B7712A
 77 089 608 4B7820A
 77 092 608 4B7805A
 77 095 608 4B7891A
 77 097 608 4B7730A
 77 099 608 4B2731A
 77 101 608 4B7750A
 77 123 608 4B8101A
 77 126 608 4B7806A
 77 128 608 4B7740A
 77 136 608 4B7838A
 77 155 600 4B7941P
 77 213 600 4B1075P
 77 213 600 4B1075A
 77 218 600 6B1579D
 77 219 600 5B8741D
 77 220 600 6B8741D
 77 269 600 5B2515A
 77 269 600 5B2515P
 77 270 600 4B2326A
 77 270 600 4B2326P
 77 272 600 4B2320P
 77 272 600 4B2320A
 77 274 600 4B2410P
 77 277 600 4B1579D
 77 277 600 4B1579P
 77 287 600 4B8741D
 77 287 600 4B8741P
 77 288 600 4B5536D
 77 292 600 5B5536D
 77 305 600 4B5570A
 77 307 600 4B1615A
 77 335 600 3B2423A
 77 338 600 4B5539D
 77 422 600 8B8705P
 77 514 600 6B8724P
 77 515 600 8B8724P
 77 521 600 4B8700P
 77 521 600 4B8700D
 77 522 600 5B8700D
 77 522 600 5B8700P
 77 523 600 6B8700P
 77 523 600 6B8700D
 77 529 600 4B5290P
 77 529 600 4B5290D
 77 530 600 4B2526P
 77 531 600 6B2526P
 77 532 600 8B8706P
 77 535 600 4B5544P
 77 552 600 4B5531P
 77 552 600 4B5531A
 77 554 600 4B5537D

Conrod Bearing Set

77 555 600 4B5538P
 77 555 600 4B5538D
 77 556 600 3B5537D
 77 557 600 4B2423A
 77 581 600 4B1609P
 77 634 600 4B2681A
 77 636 600 6B2681A
 77 695 600 4B5555A
 77 696 600 3B2600P
 77 698 600 6B5546P
 77 703 600 6B5546A
 77 714 600 4B7747D
 77 736 600 4B7735A
 77 752 600 4B7816P
 77 766 600 4B1018A
 77 773 600 4B1670P
 77 803 600 5B5538D
 77 820 600 5B5530A
 77 822 600 6B5530A
 77 836 600 4B5542A
 77 837 600 4B5506P
 77 838 600 4B7906A
 77 841 600 3B5560A
 77 867 600 4B7886P
 77 872 600 4B7770P
 77 872 600 4B7770D
 77 873 600 4B7775P
 77 873 600 4B7775A
 77785600 4B4135A
 87 200 600 4B1606A
 87 200 600 5B1606P
 87 200 600 4B1606P
 87 200 600 5B1606A
 87 227 600 4B1490P
 87 275 600 4B4376A
 87 371 600 4B2166A
 87 409 600 4B1350A
 87 417 600 6B8740A
 87 419 600 5B8740A
 87 436 600 4B8740A
 87 450 600 4B2510P
 87 462 600 6B5534A
 87 462 600 6B5534P
 87 463 600 5B5534A
 87 463 600 5B5534P
 87 464 600 4B1076P
 87 464 600 4B1076A
 87 464 600 4B5534A
 87 464 600 4B5534P
 87 490 600 6B1490A
 87 490 600 6B1490P
 87 494 600 6B2510P
 87 497 600 6B2740P
 87 580 600 4B2450P
 87 688 600 4B2515P
 87 688 600 4B2515A
 87 694 600 5B8736A
 87 696 600 4B8736A
 87 701 600 4B1610A

Conrod Bearing Set

87 701 600 4B1610P
 87 723 600 5B1636A
 87 723 600 4B1636P
 87 723 600 5B1636P
 87 723 600 4B1636A
 87 731 600 6B1506P
 87 731 600 6B1486A
 87 739 600 6B2886P
 87 744 600 4B2516P
 87 744 600 4B2516A
 87 756 600 6B1370A
 87 756 600 6B1370P
 87 758 600 4B1370P
 87 758 600 4B1370A
 87 801 600 4B1506P
 87 801 600 4B1486A
 87 803 600 4B1037P
 87 845 608 4B7900A
 87 954 600 4B2511P
 87 993 600 4B1371A
 87 998 600 4B2451A
 CB-2301GP 3B8323A
 CB-2302GP 3B8324A

Main Bearing Set

77 083 608 3M3161A
 77 085 608 5M7909A
 77 086 608 5M7894A
 77 090 608 5M7807A
 77 091 608 5M8102A
 77 096 608 5M7899A
 77 098 608 5M1677A
 77 100 608 5M2734A
 77 102 608 5M7752A
 77 122 618 5M7705A
 77 124 608 5M7803A
 77 125 608 5M7804A
 77 127 608 5M7708A
 77 130 608 5M7744A
 77 131 608 5M7704A
 77 152 600 5M1653A
 77 154 600 5M7948P
 77 235 600 5M8713P
 77 278 600 5M1532A
 77 278 600 5M1532P
 77 306 600 3M5573A
 77 324 600 3M5572A
 77 324 600 3M5556A
 77 327 600 5M2155A
 77 336 600 4M2425A
 77 512 600 4M8725A
 77 513 600 5M8725A
 77 518 600 5M8702P
 77 518 600 5M8702D
 77 519 600 6M8710D
 77 519 600 6M8702D
 77 519 600 6M8702P
 77 519 600 6M8710P
 77 520 600 7M8702D

Main Bearing Set

77 520 600 7M8702P
 77 527 600 5M5287A
 77 533 600 5M2325A
 77 534 600 5M5543A
 77 537 600 5M1668A
 77 551 600 5M5533A
 77 553 600 5M5540A
 77 553 600 5M5540P
 77 558 600 5M2425A
 77 559 600 4M5552A
 77 641 600 7M2682A
 77 697 700 4M2605A
 77 699 600 4M5547P
 77 700 600 4M5549A
 77 753 600 5M7808P
 77 767 600 5M1020A
 77 781 600 5M2797A
 77 819 600 6M5532A
 77 821 600 7M5532A
 77 839 600 5M7864A
 77 840 600 5M7865A
 77 850 600 4M5548P
 77 868 600 5M7888P
 77 874 600 5M7772A
 77784600 5M1678A
 77786600 5M7193A
 77846600 7M7827P
 87 205 600 5M1643A
 87 205 600 5M1643P
 87 274 600 5M4378A
 87 368 600 5M1538P
 87 368 600 5M1538A
 87 369 600 7M1532P
 87 369 600 7M1532A
 87 370 600 5M2167A
 87 372 600 5M2154A
 87 393 600 5M2327A
 87 393 600 5M2329A
 87 410 600 5M1338A
 87 414 600 7M1604A
 87 414 600 7M1604P
 87 416 600 7M2873A
 87 418 600 6M2873A
 87 420 600 5M1648A
 87 421 600 5M1675A
 87 434 600 7M1507P
 87 434 600 7M1507A
 87 435 600 5M2873A
 87 451 600 5M2524A
 87 454 600 6M1604P
 87 454 600 6M1604A
 87 460 600 7M1605A
 87 460 600 7M1605P
 87 461 600 6M1605P
 87 461 600 6M1605A
 87 470 600 7M2527P
 87 470 600 7M2527A
 87 474 600 4M2887A
 87 475 600 5M1653P



KS - ACL

INTERCHANGE

Main Bearing Set

87 488 600	6M8737A
87 489 600	5M8737A
87 491 601	7M1539P
87 491 601	7M1539A
87 495 600	7M2880A
87 495 600	7M2880P
87 497 600	7M2742A
87 581 600	5M1644A
87 693 600	6M2519A
87 695 600	5M2519A
87 718 600	5M8708P
87 722 600	5M1654P
87 722 600	5M1654A
87 741 600	5M2519P
87 755 600	7M1342A
87 779 610	7M2742P
87 800 601	5M1548A
87 802 600	3M8727P
87 836 600	5M2742A
87 836 600	5M2742P
87 837 600	5M2514P
87 846 608	5M7904A
87 994 600	3M1372A
MS-2301GP	4M8326A

Piston Pin Bush

77 135 698	RB4204
77 135 698	4RB4204
77 150 690	4RB4167
77 150 690	RB4167
77 151 690	5RB4167
77 153 600	RB4188
77 153 600	4RB4188
77 198 690	4RB4173
77 198 690	RB4173
77 199 690	4RB4176
77 199 690	RB4176
77 214 690	RB4168
77 214 690	4RB4168
77 524 690	6RB4231
77 524 690	5RB4231
77 524 690	4RB4231
77 536 690	RB4174
77 536 690	4RB4174
77 585 690	RB4141
77 585 690	4RB4141
77 704 690	6RB4175
77 704 690	RB4175
77 705 690	4RB4178
77 705 690	RB4178
77 729 690	RB4226
77 859 600	RB4002
87 289 690	RB4053
87 295 690	RB4150
87 295 690	6RB4150
87 295 690	4RB4150
87 322 690	4RB4227
87 322 690	RB4227
87 322 690	6RB4227

Piston Pin Bush

87 322 690	5RB4227
87 326 690	6RB4213
87 326 690	4RB4213
87 329 690	6RB4141
87 330 690	6RB4214
87 334 690	4RB4212
87 341 690	4RB4010
87 341 690	RB4010
87 342 690	6RB4172
87 345 690	RB4042
87 362 690	RB4007
87 362 690	4RB4007
87 582 691	RB4171
87 838 890	6RB4151
87 838 890	RB4151

Thrustwasher Set

77 273 600	1T2605
77 359 600	1T7809
77 850 618	1T3161
78 616 600	2T8737
78 635 600	2T1644
78 639 600	2T1604
78 662 600	2T2873
78 715 600	2T2525
78 721 600	1T2154
78 853 608	1T7707
78 854 608	2T7899
78 855 608	2T2734
78 859 608	1T7807
78 859 608	1T7808
78 860 608	1T7803
78 863 608	2T7703
78 865 608	2T7752
78 866 608	1T7804
78 951 600	1T5573
78 959 600	1T5572
78718600	1T1649
78724600	2T2167
78735800	1T2152
79 221 600	2T5535
79 233 600	2T5533
79 249 600	2T2683
79 274 600	2T5547
79 296 600	2T5549



INTERCHANGE

NDC - ACL

Auxiliary Bearing Set

DB-1152B	2BS8286
DB-1171B	2BS8078

Balance Shaft Bearing Set

BB-1085A	3BS8385
BB-1131A	3BS8288
BB-1164A	3BS8387
BB-1811A	3BS8389
BB-2011A	6BS8033
BB-2500A	4BS8452
BB-2501A	2BS8453
BB-2805A	4BS2938
JB-1174B	2BS8273

Camshaft Bearing Set

SH-1002B	4C4286
SH-1003B	3C4036
SH-1004B	4C4036
SH-1006B	3C4018
SH-1019B	5C4146
SH-1024B	4C8566A
SH-1032B	3C6127
SH-1056B	4C8066
SH-1060B	3C8006
SH-1061B	3C8276
SH-1062B	3C8482A
SH-1068A	4C8076
SH-1070B	3C8116
SH-1080B	4C8056
SH-1084B	5C4195
SH-1100B	4C8081
SH-1104B	5C8186
SH-1107B	5C7969
SH-1122B	3C4212
SH-1123B	4C7979
SH-1129B	6C8081
SH-1141B	3C1764A
SH-1158A	3C8454A
SH-1161A	3C8074
SH-1163B	3C8081
SH-1166B	5C8083
SH-1190B	5C4055
SH-1191B	4C4042
SH-1195B	7C4065
SH-1199B	7C4067
SH-1401B	3C8071
SH-1403B	4C8052
SH-1407B	5C8045
SH-1417B	5C8215
SH-1418B	5C8217
SH-1428B	5C8205
SH-1431A	5C8094
SH-1436A	1C8398A
SH-1605B	3C8127
SH-1620B	5C6128A
SH-1622B	3C8084
SH-1631A	5C8553A
SH-1640A	5C8554A
SH-2109B	3C8230A
SH-2502A	5C8460A

Camshaft Bearing Set

Conrod Bearing Set

CB-1001GP	6B1301P
CB-1002GP	4B2751A
CB-1007GP	4B2636A
CB-1025GP	4B1141A
CB-1027GP	4B1351A
CB-1029GP	4B1366A
CB-1032GP	4B2816A
CB-1035A	4B1691A
CB-1041GP	6B1356P
CB-1044GP	4B1171A
CB-1046A	4B2980A
CB-1058GP	6B1366P
CB-1062GP	4B8479A
CB-1070GP	4B1320A
CB-1075GP	4B1760P
CB-1082A	4B1156A
CB-1084GP	6B1171A
CB-1084GP	6B2716P
CB-1085A	4B1146A
CB-1086A	4B1626A
CB-1117GP	4B1686A
CB-1121A	4B1786A
CB-1122GP	4B2756P
CB-1123A	6B7971A
CB-1124GP	4B8291A
CB-1131A	4B1136A
CB-1134GP	4B1950A
CB-1137A	4B8493A
CB-1137A/CB-10	4B1361A
CB-1137GP	4B1630A
CB-1141A	4B1756A
CB-1142GP	4B1951A
CB-1153GP	4B8144A
CB-1153GP	4B1776A
CB-1158A	4B1426A
CB-1161A	4B1726A
CB-1168A	4B8331A
CB-1169A	4B1736A
CB-1171GP	6B1160A
CB-1173GP	4B1630P
CB-1174GP	4B1620A
CB-1175GP	2B1990A
CB-1177GP	6B1630A
CB-1177GP	6B1630P
CB-1179A	4B1266A
CB-1181GP	4B1750A
CB-1190GP	4B2966A
CB-1192GP	4B2948A
CB-1195GP	6B2966P
CB-1199A	6B2955A
CB-1200GP	4B2673A
CB-1202A	4B2770A
CB-1203GP	6B2389A
CB-1204GP	4B2638A
CB-1206GP	6B2390A
CB-1207A	6B2930A
CB-1208A	4B2950A

Conrod Bearing Set

CB-1209GP	4B2746A
CB-1213GP	4B2960P
CB-1213GP	4B2960A
CB-1214GP	8B2570P
CB-1216GP	6B2960P
CB-1216GP	6B2960A
CB-1217A	4B8570A
CB-1219GP	6B2630P
CB-1219GP	6B2630A
CB-1221A	4B1435A
CB-1223GP	6B2640A
CB-1223GP	6B2640P
CB-1224A	4B2660A
CB-1226GP	4B2620A
CB-1227A	4B2634A
CB-1228A	4B2907A
CB-1229A	4B2626A
CB-1232GP	6B2538P
CB-1400A	4B1690A
CB-1401A	4B8280A
CB-1402GP	6B8470A
CB-1403A	6B1360A
CB-1403A	6B8493A
CB-1404A	4B8360A
CB-1406A	4B1730A
CB-1407A	4B8281A
CB-1408A	4B8370A
CB-1410GP	4B1710A
CB-1413A	6B7986A
CB-1414GP	6B1170A
CB-1415A	4B8390A
CB-1416A/CB-10	4B1101A
CB-1419A	4B8366A
CB-1420GP	6B8472A
CB-1420GP	6B8472P
CB-1421A	4B8371A
CB-1422GP	4B1714A
CB-1423GP	6B8040A
CB-1424A	4B8380A
CB-1425GP	4B1780P
CB-1427A	6B1376A
CB-1428A	4B8375A
CB-1429A	4B8285A
CB-1430A	4B8414A
CB-1433A	6B8471A
CB-1434GP	6B8100A
CB-1435A	4B8376A
CB-1436A	6B8396A
CB-1437GP	6B8060A
CB-1438A	6B7990A
CB-1439A	5B8396A
CB-1440GP	8B8091P
CB-1441GP	4B8365A
CB-1445GP	6B8061A
CB-1446A	4B8486A
CB-1448A	4B8395A
CB-1449A	4B8364A
CB-1450A	4B8155A
CB-1451A	4B1680A

Conrod Bearing Set

CB-1452A	4B1850A
CB-1453A	4B8391A
CB-1454A	4B8411A
CB-1455A	6B8381A
CB-1456A	4B8210A
CB-1457A	4B1851A
CB-1458A	6B8262A
CB-1460A	4B8407A
CB-1461A	4B8224A
CB-1462A	4B8225A
CB-1463A	3B8421A
CB-1603GP	4B1886P
CB-1612GP	6B1886P
CB-1616GP	4B1881A
CB-1620GP	4B2821A
CB-1621A	4B1870A
CB-1622GP	4B1890A
CB-1624A	4B1816A
CB-1626GP	4B1826A
CB-1627A	4B1820A
CB-1628GP	4B2815A
CB-1631GP	4B1836P
CB-1632GP	6B1831P
CB-1639GP	6B1839P
CB-1640GP	4B1854P
CB-1800A	2B8577A
CB-1807GP	4B1535P
CB-1808GP	6B1536P
CB-1812GP	4B1196P
CB-1820GP	6B1230P
CB-1822A	6B1140A
CB-1823A	6B1150A
CB-1824A	3B8583A
CB-1825A	4B1130A
CB-1827A	4B1185A
CB-1828A	4B8036A
CB-1829GP	4B8038A
CB-1830GP	4B1230P
CB-1831GP	4B1190P
CB-1832GP	4B1770P
CB-1835GP	4B1235P
CB-1836GP	4B1234P
CB-1842A	6B1180A
CB-1844GP	4B8589A
CB-2002GP	6B1760P
CB-2004A	4B2130A
CB-2007A	4B8143A
CB-2008A	4B8351A
CB-2009A	4B8140A
CB-2010A	6B8350A
CB-2012A	4B8243A
CB-2012A	4B8243P
CB-2013A	4B8330A
CB-2014A	4B8547A
CB-2016A	4B8240A
CB-2017GP	6B8149A
CB-2018A	4B8300A
CB-2019A	4B8550A
CB-2035GP	4B8296A



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INTERCHANGE

Conrod Bearing Set

CB-2109GP	4B8435P
CB-2200GP	4B1946P
CB-2200GP	4B1946A
CB-2203GP	4B1460A
CB-2204GP	4B1930A
CB-2205GP	4B1955A
CB-2206GP	4B1926A
CB-2208GP	4B1956A
CB-2208GP	4B1956P
CB-2209GP	4B1931A
CB-2210GP	6B1935A
CB-2211GP	6B1974A
CB-2212GP	3B1988A
CB-2213GP	4B1936A
CB-2214A	4B1927A
CB-2215GP	4B1910A
CB-2217GP	4B1912P
CB-2300GP	4B8290A
CB-2301GP	3B8323A
CB-2302GP	3B8324A
CB-2303GP	2B8316A
CB-2304GP	6B8270A
CB-2305GP	4B8296P
CB-2306GP	4B8320P
CB-2306GP	4B8320A
CB-2307GP	4B8328A
CB-2307GP	4B8328P
CB-2401A	3B1266A
CB-2402A	3B8358A
CB-2403A	3B8336A
CB-2404A	4B8336A
CB-2405GP	4B8340A
CB-2406A	3B8540A
CB-2407A	6B8306A
CB-2408A	4B8306A
CB-2500A	2B8010A
CB-2501A	3B8010A
CB-2503A	3B8023A
CB-2507A	3B8020A
CB-2509GP	3B8024A
CB-2510A	3B8120A
CB-2511A	4B8016A
CB-2512A	4B8425A
CB-2801GP	4B2776P
CB-2802GP	6B2776P
CB-2804GP	4B2914P
CB-3880A	4B1201A
CB-5360A	4B8600A

Main Bearing Set

MS-1001GP	7DM1304P
MS-1007GP	4M7972A
MS-1011GP	3M2987A
MS-1024GP	3M1142A
MS-1028GP	3M1367A
MS-1040GP	7M1357P
MS-1042GP	5M2757A
MS-1043GP	5M1172A
MS-1047GP	7M1172A

Main Bearing Set

MS-1051GP	7M1164A
MS-1058GP	4M1367A
MS-1060A	3M1692A
MS-1062GP	5M8480A
MS-1082GP	5M1157A
MS-1084GP	7M2717P
MS-1091GP	3M2637A
MS-1094GP	5M1697A
MS-1103GP	5M2817A
MS-1104GP	5M1718A
MS-1107GP	3M2977A
MS-1113GP	5M1167A
MS-1114A	5M1627A
MS-1117GP	5M1689A
MS-1121A	5M1787A
MS-1123A	4M7982A
MS-1124GP	3M8292A
MS-1126GP	3M8318A
MS-1131A	5M1137A
MS-1133GP	5M1703A
MS-1134GP	5M1952A
MS-1137GP	5M8258A
MS-1138GP	5M1193A
MS-1141A	3M1757A
MS-1152GP	5M1699A
MS-1153GP	5M1777A
MS-1158A	5M1382A
MS-1159GP	3M2984A
MS-1160GP	5M1199P
MS-1161A	5M1727A
MS-1163GP	5M1894P
MS-1163GP	5M1894A
MS-1164A	5M1238A
MS-1164A	5M1147A
MS-1168A	5M8334A
MS-1172GP	7M1305P
MS-1173GP	5M8572A
MS-1174GP	5M1623A
MS-1175A	3M1991A
MS-1176GP	5M1224A
MS-1179A	5M8342A
MS-1180GP	5M2775A
MS-1181GP	5M1748A
MS-1182GP	5M1369A
MS-1183GP	5M1176A
MS-1184GP	3M8293A
MS-1190GP	5M2965A
MS-1195GP	7M2965P
MS-1199A	7M2953A
MS-1200GP	4M2653A
MS-1201GP	4M2777P
MS-1202A	5M2769A
MS-1203GP	7M2394A
MS-1203GP	7M2394P
MS-1208A	5M2949A
MS-1209GP	5M2747A
MS-1211GP	4M2737A
MS-1211GP	4M2737P
MS-1213GP	5M2964A

Main Bearing Set

MS-1213GP	5M2964P
MS-1214GP	5M2597P
MS-1217A	5M1633A
MS-1218GP	5M1247A
MS-1219GP	4M2633P
MS-1219GP	4M2633A+4T
MS-1219GP	4M2633A
MS-1220A	5M1724A
MS-1221A	5M1438A
MS-1224A	5M2665A
MS-1225A	5M1439A
MS-1226A	5M2628A+2T
MS-1226A	5M2628A
MS-1227A	5M2635A
MS-1228A	5M2905A
MS-1229A	5M2627A
MS-1231GP	5M2995P
MS-1232GP	4M2539A
MS-1400A	5M1704A
MS-1402A	7M8474A
MS-1404A	5M8361A
MS-1405GP	5M1705A
MS-1406A	5M1728A
MS-1407A	5M8282A
MS-1408A	5M8372A
MS-1410A	5M1695A
MS-1413A	4M7987A
MS-1414GP	7M1165A
MS-1415A	5M8392A
MS-1416A	5M1103A
MS-1420A	7M8475A
MS-1421A	5M8373A
MS-1422GP	5M1715A
MS-1424A	5M8382A
MS-1426A	5M8494A
MS-1427A	7M1388A
MS-1428A	5M8374A
MS-142GP	4M8063A
MS-1433GP	7M8476A
MS-1435A	5M8378A
MS-1436A	7M8397A
MS-1437GP	4M8070A
MS-1438A	7M7989A
MS-1439A	6M8397A
MS-1440GP	5M8092A
MS-1443A	7M8494A
MS-1446A	5M8487A
MS-1448A	5M8399A
MS-1449A	5M8368A
MS-1450A	5M8184A
MS-1452A	5M8409A
MS-1452A	5M1852A
MS-1454A	5M8412A
MS-1455A	4M8379A
MS-1456A	5M8214A
MS-1457A	5M1853A
MS-1458A	4M8263A
MS-1461A	5M8226A
MS-1463A	4M8424A

Main Bearing Set

MS-1603GP	5M1848A
MS-1603GP	5M1848P
MS-1605GP	5M1188A
MS-1610GP	5M1322A
MS-1611GP	7M1888P
MS-1612GP	7M1884P
MS-1616GP	5M1883A
MS-1620GP	5M2809A
MS-1620GP	5M1882A
MS-1621A	5M1869A
MS-1622GP	5M1892A
MS-1623GP	5M1893A
MS-1626A	5M1867A
MS-1627GP	5M1824A
MS-1628GP	5M1887P
MS-1628GP	5M1887A
MS-1629GP	7M1887P
MS-1631GP	5M1837P
MS-1632GP	7M1837P
MS-1800A	3M8578A
MS-1807GP	5M1198P
MS-1808GP	7M1199P
MS-1812GP	5M1197P
MS-1818A	5M1124A
MS-1819A	5M1139A
MS-1819A	5M1239A
MS-1820A	3M8580A
MS-1821A	5M1144A
MS-1821A	5M1217A
MS-1822A	4M1149A
MS-1824A	4M8584A
MS-1827A	5M1186A
MS-1828A	5M8037A
MS-1829GP	5M8039A
MS-1832GP	5M1778P
MS-1838GP	7M1232P
MS-1842A	4M1183A
MS-1844GP	5M8590A
MS-1845A	5M1227A
MS-2000GP	5M1747P
MS-2004A	5M8134A
MS-2004A	5M8137A
MS-2007A	5M2134A
MS-2008A	5M8354A
MS-2010GP	4M8352A
MS-2011A	5M8138A
MS-2012A	5M8353A
MS-2013A	5M8335A
MS-2014A	5M8548A
MS-2016A	5M8242A
MS-2017GP	4M8147A
MS-2018A	5M8302A
MS-2019A	5M8551A
MS-2109GP	5M8439P
MS-2200GP	5M1947A
MS-2201GP	4M1934A
MS-2202A	3M1992A
MS-2206GP	5M1932A
MS-2208GP	5M1957P



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Main Bearing Set	
MS-2208GP	5M1957A
MS-2211GP	4M1975A
MS-2212A	4M1989A
MS-2213GP	5M1937A
MS-2214A	5M1928A
MS-2215GP	5M1959P
MS-2215GP	5M1959A
MS-2300GP	3M8294A
MS-2301GP	4M8326A
MS-2304GP	4M8271A
MS-2305GP	5M8297A
MS-2305GP	5M8297P
MS-2306GP	5M8309A
MS-2306GP	5M8309P
MS-2307GP	5M8329A
MS-2401A	4M8338A
MS-2402A	4M8355A
MS-2403A	4M8337A
MS-2404A	5M8337A
MS-2405GP	5M8339A
MS-2406A	4M8542A
MS-2407A	4M8545A
MS-2408A	5M8307A
MS-2409A	4M8307A
MS-2500A	3M8011A
MS-2501A	4M8011A
MS-2502A	5M1392A
MS-2503A	4M8025A
MS-2504GP	3M8043A
MS-2505A	4M8009A
MS-2506A	3M8015A
MS-2507A	4M8019A
MS-2510A	4M8126A
MS-2511A	5M8017A
MS-2512A	5M8426A
MS-2804GP	5M2915P
MS-2805A	5M2678A
MS-3880A	5M1202A
MS-3880A	5M1218A
MS-5005A	5M8601A
MS-5360A	5M8602A

Piston Pin Bush	
P1-2300	RB4234
PB-1002J	4RB4269
PB-1029J	4RB4096
PB-1032J	4RB4288
PB-1033J	4RB4013
PB-1035J	4RB910
PB-1040J	6RB4248
PB-1041J	6RB4249
PB-1042J	4RB4295
PB-1046J	4RB4040
PB-1047J	6RB4102
PB-1048J	6RB4270
PB-1051J	4RB4008
PB-1056J	4RB4037
PB-1058J	6RB4096
PB-1062J	4RB4255

Piston Pin Bush	
PB-1063J	4RB4252
PB-1063J	4RB4244
PB-1068J	4RB4028
PB-1070J	4RB4058
PB-1075J	4RB4059
PB-1080J	4RB4023
PB-1082J	4RB4024
PB-1084J	4RB4066
PB-1097J	6RB4059
PB-1100J	4RB4285
PB-1114J	4RB4017
PB-1129J	4RB4286
PB-1155J	6RB4073
PB-1158J	4RB4022
PB-1163J	4RB4073
PB-1166J	4RB4072
PB-1173J	4RB4266
PB-1176J	4RB4268
PB-1179J	4RB4075
PB-1181J	4RB4068
PB-1182J	4RB4081
PB-1183GP	4RB4270
PB-1189J	4RB4102
PB-1190J	4RB4112
PB-1190J	4RB4101
PB-1192J	4RB4282
PB-1195J	6RB4101
PB-1196J	6RB4112
PB-1199J	6RB4273
PB-1200J	6RB4275
PB-1203J	6RB4271
PB-1205J	4RB4265
PB-1206J	6RB4074
PB-1207J	6RB4272
PB-1208J	4RB4107
PB-1209J	4RB4105
PB-1210J	6RB4190
PB-1211J	6RB4191
PB-1213J	4RB4274
PB-1214J	8RB4279
PB-1217J	4RB4267
PB-1219J	6RB4276
PB-1221J	6RB4110
PB-1226J	4RB4278
PB-1229J	4RB4277
PB-1401J	4RB4076
PB-1402J	6RB4239
PB-1403J	4RB4070
PB-1406J	4RB4100
PB-1408J	4RB4247
PB-1411J	4RB4080
PB-1412J	4RB4097
PB-1413J	6RB4028
PB-1413J	RB4028
PB-1417J	RB4082
PB-1417J	4RB4082
PB-1420J	6RB4240
PB-1425J	4RB4246
PB-1427J	6RB4242

Piston Pin Bush	
PB-1428J	RB4065
PB-1429J	RB4095
PB-1429J	4RB4095
PB-1431J	4RB4093
PB-1433J	6RB4241
PB-1435J	4RB4257
PB-1435J	4RB4238
PB-1436J	4RB4090
PB-1438J	6RB4098
PB-1439J	5RB4090
PB-1441J	4RB4087
PB-1445J	6RB4109
PB-1449J	4RB4254
PB-1450J	6RB4243
PB-1452J	4RB4250
PB-1455A	6RB4253
PB-1457J	4RB4236
PB-1464J	4RB4251
PB-1605J	4RB4283
PB-1622J	4RB4103
PB-1623J	4RB4104
PB-1624J	4RB4118
PB-1625J	4RB4289
PB-1626J	RB4305
PB1629J	6RB4287
PB-1631J	4RB4291
PB-1636J	4RB4232
PB-1638J	4RB4290
PB-1644J	4RB4292
PB-1802J	4RB4091
PB-1807J	4RB4069
PB-2000J	4RB4264
PB-2003J	4RB4051
PB-2004J	4RB4262
PB-2005J	4RB4088
PB-2006J	4RB4078
PB-2007J	4RB4077
PB-2013J	4RB4261
PB-2014J	4RB4260
PB-2016J	4RB4111
PB-2021J	4RB4263
PB-2109J	4RB4256
PB-2304J	6RB4234
PB-2401J	3RB4075
PB-2502J	4RB4145
PB-2511J	4RB4094
PB-2805J	4RB4280

Thrustwasher Set	
TW-1000B	2T4302
TW-1005B	2T8480
TW-1006B	2T7962
TW-1007A	2T8002
TW-1024B	1T1142
TW-1030GP	1T3286
TW-1040B	2T1357
TW-1055K	3T1199
TW-1056A	2T8062
TW-1061GP	2T4162

Thrustwasher Set	
TW-1063B	2T1362
TW-1070GP	1T1893
TW-1075J	2T1747
TW-1082B	2T1157
TW-1083K	2T2647
TW-1084K	2T2717
TW-1100GP	2T1887
TW-1113K	2T1167
TW-1115K	3T1197
TW-1117K	2T1689
TW-1117K	2T1689P
TW-1122J	2T2775
TW-1129GP	2T1888
TW-1133K	2T1703
TW-1134GP	1T1952
TW-1145K	3T1232
TW-1153K	2T1777
TW-1155GP	2T1889
TW-1161A	2T1727
TW-1168A	2T8334
TW-1175A	1T1991
TW-1179A	1T8342
TW-1181GP	2T1748
TW-1202A	1T2769
TW-1208A	1T2952
TW-1214A	2T2597
TW-1219A	2T2633
TW-1224A	1T2665
TW-1226A	1T2628
TW-1227A	1T2635
TW-1228A	1T2905
TW-1229A	1T2627
TW-1232A	1T2539
TW-1400A	2T1695
TW-1402A	2T8474
TW-1405K	2T1705
TW-1408A	2T8372
TW-1413A	2T7987
TW-1415A	2T8392
TW-1417A	2T8283
TW-1423K	2T8063
TW-1424A	2T8382
TW-1426A	2T8494
TW-1427B	2T1388
TW-1434A	2T8103
TW-1435A	2T8377
TW-1436A	2T8397
TW-1438A	2T7989
TW-1440A	2T8092
TW-1441K	2T8363
TW-1452A	2T1852
TW-1454A	1T8412
TW-1457A	1T1853
TW-1458A	2T8468
TW-1466A	2T8263
TW-1616A	1T1824
TW-1616A	1T2809
TW-1622GP	1T1192
TW-1631A	3T1837



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Thrustwasher Set	
TW-1822GP	2T1149
TW-1828A	1T8037
TW-1832A	2T1778
TW-1834A	1T1219
TW-1842A	1T1183
TW-1845A	1T1227
TW-2007A	2T2134
TW-2008A	1T8353
TW-2010GP	2T8352
TW-2013A	1T8335
TW-2014A	2T8548
TW-2016A	2T8242
TW-2018A	1T8302
TW-2019A	1T8551
TW-2109GP	2T8439
TW-2208GP	1T1957
TW-2210GP	1T1934
TW-2213A	1T1937
TW-2215A	1T1959
TW-2307A	2T8329
TW-2402A	1T8355
TW-2403A	1T8337
TW-2405GP	1T8339
TW-2407A	1T8307
TW-2500A	1T8011
TW-2503A	1T8025
TW-2507A	1T8019
TW-2510A	1T8126
TW-2511A	1T8017
TW-2800J	2T2915
TW-2805J	1T2678



INTERCHANGE

OEM - ACL

Auxiliary Bearing Set

11022-33010	2BS8286
11022-41010	2BS8078

Balance Shaft Bearing Set

(F)MD141777	2BS8586A
1125A040	2BS8558A
11902-87701	4BS8452
11902-87702	2BS8453
11911-28010-02	4BS8416A
12407-2W206	4BS2938
13165-01M00	2BS8273
G601-10-701	6BS8033
MD008888	3BS8385
MD021118	2BS8559A
MD021118	3BS8288
MD040597	3BS8389
MD040598	3BS8387

Camshaft Bearing Set

0305-23-250	3C8276
0552-23-710A	3C1764A
11801-17010	1C8398A
11801-17021	7C8252A
11801-78010	3C8230A
11802-13020	4C8066
11802-23010	3C8482A
11802-25010	5C8186
11802-31010	3C8006
11802-40010/11	5C7969
11802-41010	4C8076
11802-46010	4C8056
11802-48010	4C8065
11802-54010	3C8074
11802-54020	5C8094
11802-56010	3C8071
11802-60010	4C7979
11802-68010	4C8052
11802-71010	5C8045
11802-77010	5C8180A
11802-78201	3C8490A
11802-78300	3C8448A
11802-78301	3C8496A
11802-78330	4C8499A
11802-87301	5C8460A
11802-87380	3C8454A
11811-OHO20	1C8415A
12737-69GE1	2C8446A
13002-03J00	7C4067
13002-06J00/1	7C4065
13002-43G00	5C4055
13002-61500	4C4036
13002-71204	3C4036
13002-90010	4C4042
13002-B5000	3C4018
13002-C6005	4C4286
13002-H1020	5C4146
13002-J2000	3C4212
13003-96026	5C4195
3C3Z-6A251-AA	5C7276
418248/430119	4C7936

Camshaft Bearing Set

5-11610-002	3C8127
5-11611-002	3C6127
5-11611-010	5C8083
8-94363-380	5C8553A
8-94427-196	3C8084
8-97112-638	5C8554A
9-11610-602	3C8116
9-11611-040	5C6128A
9-11691-048	4C8081
9-11691-048	3C8081
9-11691-048	6C8081
MD010340	4C8566A

Conrod Bearing Set

0222-23-105A	4B1151A
0249-23-105	4B1156A
045105701BGL	4B1075A
045105701BGL	4B1075P
0527-23-105	4B1760P
0571-23-105	4B1155A
06B 105 701 E	4B1609P
11 21 7 536 774	4B1395P
11 24 1 485 577	4B2903A
11 24 7 552 063	6B1395P
1115A104	4B8050A
1115A111	4B8575A
1115A117	4B8576A
12100-60821	4B8340A
12100-69830-0A	4B8440A
12100-70870-0A	4B8441A
12100-82810	4B8336P
12100-82810	3B8336P
12100-82810	4B8544A
12100-82810	3B8336A
12100-82810	4B8336A
12100-85820	4B8306A
12100-85823	6B8306A
12108-AA000	4B8290A
12108-AA130	6B8270A
12108-AA210	4B8296A
12108-AA210	4B8296P
12108-AA530	4B8320A
12108-AA530	4B8320P
12108-KA030	4B8328A
12108-KA030	4B8328P
12108-KA110	3B8324A
12108-KA110	3B8323A
12111-01E00	4B1630A
12111-02N00	4B2948A
12111-03J00/10	6B2955P
12111-03J00/10	6B2955A
12111-05U00/0	6B2960A
12111-0B100	6B2390P
12111-0T003	4B2914P
12111-10V03	4B2674A
12111-11M00	4B1620A
12111-16700	4B2636A
12111-16V00~2	4B2675A
12111-17B00	4B2770A

Conrod Bearing Set

12111-31U10	6B2630A
12111-31U10	6B2630P
12111-40F00	4B2746A
12111-41B00	4B2660A
12111-42L00~2	6B2389A
12111-43G00	6B2966P
12111-43G01	4B2966A
12111-4W000	6B2640A
12111-4W000	6B2640P
12111-53Y00	4B2950A
12111-58010	6B1301P
12111-58010	4B2620A
12111-60J00	4B2960P
12111-60J00	4B2960A
12111-60U00	8B2570P
12111-67S00~2	6B2390A
12111-73400	6B1171A
12111-7S010	8B2990P
12111-7S010	8B2990A
12111-85G00	4B1435A
12111-9C625	4B1297A
12111-B0801	4B2941A
12111-B5225	4B2638A
12111-D0200	6B1630A
12111-EA200	6B2538P
12111-ES60A	4B2626A
12111-F6300	4B2673A
12111-P5100	4B2751A
12111-R2200/1	4B1171A
12111-V5500	4B8570A
12111-V7200	6B2930A
12117-96012	6B2716P
12117-J2000	4B2756P
12117-Y5200	4B1366A
12117-Y5200	6B1366P
12117-Z5500	4B2776P
12117-Z5510	6B2776P
12150-BC20C	4B2634A
12150-CK80A	4B2907A
12181-78130	3B8358A
12181-81051	4B1266A
12181-81051	3B1266A
12181-81401	3B8540A
12181-84H00	4B8244A
12585677	6B2270A
13022~8-PG6-S1	4B1956P
13022~8-PG6-S1	4B1956A
13041-0P040	6B8466A
13041-0P070-01	6B8262A
13041-10020	4B8390A
13041-11020	4B8380A
13041-13040	4B1101A
13041-15010	4B1690A
13041-16010	4B1710A
13041-16070	4B1780P
13041-16090	4B1680A
13041-17010	5B8396A
13041-17010	6B8396A
13041-20010	6B8381A

Conrod Bearing Set

13041-21030	4B8210A
13041-22020	4B1851A
13041-23020	4B8155A
13041-27010	4B8407A
13041-33040	4B8224A
13041-33041	4B8225A
13041-35020	6B7986A
13041-37010	4B8450A
13041-37030	4B8451A
13041-42010	6B1170A
13041-46011	6B8100P
13041-46011	6B8100A
13041-47020-02	4B8402A
13041-50020	8B8091P
13041-51020	8B8250P
13041-54012	4B1730A
13041-55020	4B8364A
13041-56010	4B1786A
13041-56020	4B8375A
13041-56040	4B8285A
13041-58010	4B8280A
13041-62010	6B8040A
13041-62020	6B8061A
13041-63020	4B8360A
13041-64031	4B8370A
13041-64050	4B8371A
13041-64071	4B8395A
13041-64072	4B8391A
13041-65010	6B8060A
13041-66020	6B7990A
13041-67030/31	4B1850A
13041-68040	6B1360A
13041-68050	6B1376A
13041-70010	6B8470A
13041-70020	6B8471A
13041-70020	6B8471P
13041-71011	4B8281A
13041-74030	4B8365A
13041-75010	4B8376A
13041-75030	4B8419A
13041-75040	4B8420A
13041-78010	4B8435P
13041-78200	4B8486A
13041-87103	4B8016A
13041-87701	3B8024A
13041-87702	3B8010A
13041-87704	3B8023A
13041-88281	4B1714A
13041-88340	6B8472A
13041-88340	6B8472P
13041-88360	4B8366A
13041-88360	4B8366P
13041-88600	4B1856A
13041-97401	4B8425A
13041-B1021	4B8436A
13202-23012	4B8479A
13202-25010	4B1686A
13202-31020	4B1691A
13202-44012	4B2980A



OEM - ACL

INTERCHANGE

Conrod Bearing Set	
13202-45010	6B1160A
13202-46010	4B1361A
13202-54010	4B1726A
13202-60010	6B7971A
13202-77020	6B1356P
13202-87104	4B1351A
13202-87203	3B8120A
13202-87204	3B8020A
13202-87305	4B1426A
13202-87701	2B8010A
13204-40031	3B8421A
13211~5-PH7-01	6B1935A
13211~7-634-00	4B1950A
13211~7-PC0-00	4B1926A
13211~7-PC1-00	4B1951A
13211~7-PE1-00	4B1955A
13211~7-PE0-0	4B1930A
13211~7-PE0-6	4B1931A
13211~7-PH3-00	4B1936A
13211~7-PH6-01	6B1974A
13211~7-PJ7-00	4B1927A
13211~7-PR3-00	4B1910A
13211~7-PR4-A0	4B1946P
13211~7-PRA-A	4B1946A
13211-679-003	2B1990A
13211-PD2-004	5B1943A
13211-PD4-003	4B1460A
13211-PLM-A01	4B1980A
13211-PN4-003	3B1988A
13211-PPA-003	4B1972H
13211-PPA-003	4B1972HX
13211-PPA-003	4B1972P
13211-PR4-Y02	4B1983A
13211-PWA-003	4B1978A
13211-PY3-003	6B1902A
13214-P72-003	4B1925A
13214-P72-003	4B1925P
13214-PAH-T01	4B1906H
13214-PAH-T01	4B1906P
13216-P13-0141	4B1912P
13281-36020-01	4B8428A
13281-68020	4B8493A
13281-68020	6B8493A
13281-75020	4B8414A
13281-OHO20	4B8411A
13321-RNA-A02	4B1908A
1456-23-105A	4B1750A
23060-02700	4B1256A
23060-23140	4B1206A
23060-25100	4B8595A
23060-26040	4B1201A
23060-2B010	4B8593A
23060-37200	6B1210A
23060-41010	4B1191P
23611-42000	4B1250A
3975-23-105	4B1626A
3C3Z-6D309-AA	8B7270P
48291-5400	2B8316A
5-12271-005	4B1320A

Conrod Bearing Set	
6155860-503	4B2516A
68002286AA	6B7315A
6E7Z6211A	1B7270P
71732995	4B2890A
71732995	4B2890P
77BM6211GA	4B1650A
88291-6100	4B8291A
88894365	6B5502A
8-94110-930	4B1881A
8-94125-747	4B1890A
8-94125-747	4B1890P
8-94151-604-0	4B1816P
8-94256-084	4B8560A
8-94311-013	4B1826A
8-94314-253	4B1816A
8-94414-305	4B2821A
8-94424-246	4B2815A
8-94440-093	4B1820A
8-97045-800/1	4B1836P
8-97045-800/1	6B1831P
8-97072-986	6B1840A
8-97077793-0	4B8561A
8-97131-186	4B1854P
8-97131-186	6B1839P
8C3Z-6211-A	8B7271P
9-12271-143	4B2816A
9-12271-178	6B1886P
9-12271-608	4B1886P
93740244	6B7230A
AJ03-11-225	6B4395A
AL3Z-6211-A	8B7255A
B3YO-11-SEO	4B8331A
B6YO-11-SEO	4B8351A
BL3Z-6211-EA	6B4380A
F801-23-105A	4B2130A
FEYA-11-SEO	4B8140A
FSY1-11-SEO	4B8300A
GE01-23-105	4B1756A
JEY1-11-SEO	6B8350A
K8Y1-11-SEO	6B8146A
KJY1-11-SEO	6B8149A
KK1T0-11-SEO	4B8150A
L3Y1-11-SFOA	4B8170A
LFY1-11-SEO	4B4390A
LFY1-11-SEO	4B4390P
MD010859	4B1141A
MD019635	2B8577A
MD026430	4B1136A
MD030516/230	4B1736A
MD071298	4B1146A
MD105277	6B1140A
MD114816	4B8583A
MD114816	3B8583A
MD124592	6B1150A
MD143090	4B1130A
MD174884	4B8036A
MD177046	4B8038A
MD311928	6B1180A
MD312142	6B1231P

Conrod Bearing Set	
MD32315	4B8589A
MD327503	4B1185A
ME002019	4B1196P
ME012227	4B1535P
ME025292	6B1536P
ME032518	6B1230P
ME995135~7	4B1235P
ME995148~52	4B1234P
ME995684	4B1800P
ME996534	4B1770P
ME997261	4B1230P
ME999764	4B1190P
MN195884-6	4B8564A
OK621/OVNY1-1	4B8600A
PN11-11-SEO	4B8330A
RFY0-11-SEO	4B8143A
SE45-11-SEO	4B1776A
SL01-23-105A	4B8144A
TF01-11-SEO	4B8547A
V101-23-105	6B1760P
W9Y2-11-SEO	4B8243A
W9Y2-11-SEO	4B8243P
WLY1-11-SEO	4B8240A
WLY1-11-SEO	4B8240P
ZY1-11-SEO	4B8550A
ZZL2-11-SEO	6B723A

Main Bearing Set	
(F)11071-88340	7M8476A
(F)12215-V5325	4M2653A
(F,R)12207-60U	5M2597P
0249-23-110	5M1157A
0305-23-151A	5M1627A
0324-23-151A	5M1167A
0552-23-140	3M1757A
11 21 1 487 191	5M2918A
11 21 7 515 379	5M1397A
11 21 7 515 379	7M1397A
11 21 7 522 982	5M1618P
11011-66020	7M7989A
11071-51010	5M8254P
11071-65010	4M8070A
11071-88340	7M8475A
1-11510-036	7M1889P
1-11510-041	7M1885P
1-11510-074	7M1884P
11701-10010	5M8392A
11701-11010	5M8382A
11701-13011	5M1103A
11701-15010	5M1704A
11701-15030	5M1695A
11701-17010	7M8397A
11701-17010	6M8397A
11701-20020	4M8379A
11701-21010	5M8214A
11701-21031	5M8226A
11701-22010	5M1853A
11701-23020	5M8184A
11701-23050/51	5M8185A

Main Bearing Set	
11701-27012	5M8409A
11701-31080	4M8263A
11701-31090	4M8468A
11701-37010	5M8458A
11701-43010	7M1165A
11701-46010	7M8103P
11701-50010	5M8092A
11701-54060	5M1728A
11701-55020	5M8368A
11701-56010	5M8374A
11701-62020	4M8063A
11701-64010	5M8399A
11701-64030	5M8372A
11701-64050	5M8373A
11701-67020/21	5M1852A
11701-71020	5M8282A
11701-75021	5M8378A
11701-75031	5M8423A
11701-78010	5M8439P
11701-78070	7M8495A
11701-78200	5M8487A
11701-78300	7M8494A
11701-78300	5M8494A
11701-78700	5M8495A
11701-87102	5M8017A
11701-87703	4M8011A
11701-87704	4M8025A
11701-87706	4M8009A
11701-88280	5M1715A
11701-88300	7M8474A
11701-88360	5M8361A
11701-97401	5M8426A
11701-BZ091	5M8438A
11702-23011	5M8480A
11702-25011	5M1718A
11702-25012	5M1689A
11702-31020	3M1692A
11702-33011	5M1697A
11702-33012	5M1699A
11702-38010	5M1703A
11702-38011	5M1705A
11702-40020	3M2987A
11702-44020	3M2977A
11702-44040	3M2984A
11702-45010	7M1164A
11702-47011	7M1388A
11702-48011	5M8258A
11702-54010	5M1727A
11702-56010	5M1787A
11702-60012	4M7972A
11702-60013	4M7982A
11702-77010	7M1357P
11702-87104	3M8043A
11702-87203	4M8126A
11702-87207	4M8019A
11702-87305	5M1382A
11702-87306	5M1392A
11702-87701	3M8011A
11702-87709	3M8015A



INTERCHANGE

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Main Bearing Set	
11704-61010	4M7987A
11711-36020-01	5M8429A
11711-36020-01	4M8424A
11711-OHO20	5M8412A
11721-47020	5M8404A+2T
11721-47020-02	5M8404A
12111-ES60A	5M2627A
12207-01M00	5M1623A
12207-03J00/10	7M2953A
12207-05E00	5M1247A
12207-05U00	7M2428A
12207-06J10	7M2965P
12207-0H600	5M1438A
12207-0T003	5M2915P
12207-31U00	4M2633P
12207-31U00	4M2633A+4T
12207-31U00	4M2633A
12207-37502	3M1367A
12207-40F00	5M2747A
12207-41B00	5M2665A
12207-42L10	7M2394A
12207-43G10	5M2965A
12207-53Y00	5M2949A
12207-57J00	5M1633A
12207-58010	7DM1304P
12207-60J00	5M2964A
12207-60J00	5M2964P
12207-61504	4M1367A
12207-6N210	5M2628A
12207-6N210	5M2628A+2T
12207-73400	7M1172A
12207-78400	5M2757A
12207-AR010	5M2995A
12207-AR010	5M2995P
12207-C6001	7M1305P
12207-D0200	5M8572A
12207-EA200	4M2539A
12207-J2000	5M2775A
12207-MA70A	5M2678A
12207-U6000	5M1176A
12207-V1700	5M1369A
12207-W3400	5M1172A
12209-9C600	5M1298A
12209-AA040	5M8297A
12209-AA040	5M8297P
12209-AA200	5M8309P
12209-AA200	5M8309A
12211-AA000	4M8271A
12211-KA060	5M8329A
12212-96000	7M2717P
12215-02P25	4M2777P
12215-02P25	4M2777A
12215-BC20A	5M2635A
12215-CK802	5M2905A
12215-R2010	5M1224A
12223-21B00~6	5M2769A
12231-01W00	3M2637A
12261-84G00	5M1439A
12263-B0801	3M2932A

Main Bearing Set	
12300-60820	5M8443A
12300-61800	4M1267A
12300-73811	5M8342A
12300-78811	4M8355A
12300-78860	4M8338A
12340-60A10	5M8339A
12340-69G00-0	5M8444A
12340-75F00	4M8245A
12340-82000	5M8337A
12340-82000	4M8337A
12340-85FB3	4M8307A
12340-85FB3	5M8307A
12340-86FA2	4M8545A
12341-60DD0	4M8542A
12585763	4M2273A
13321~5-PH6-01	4M1975A
13321~5-PH7-01	4M1934A
13321~7-634-30	5M1952A
13321~7-PC6-00	5M1947A
13321~7-PCO-0	5M1932A
13321~7-PG6-00	5M1957A
13321~7-PG6-00	5M1957P
13321~7-PJ7-00	5M1928A
13321~7-PR3-00	5M1959P
13321~7-PR3-00	5M1959A
13321-679-003	3M1991A
13321-679-013	3M1992A
13321-PN4-003	4M1989A
13321-PNA-003	5M1979A
13321-PR4-Y02	5M1984A
13321-PTO-003/	5M1937A
13322-PL2-J02	4M1933A
13325-PCX-003	5M1913P
13325-PV1-014	6M1944A
13334-RNA-A01	5M1909A
13341-PY3-004	4M1903A
13343-P8A-AD1	4M1996A
1456-23-110	5M1748A
21020-02540	5M1259A
21020-02540	5M1259A+2T
21020-02740	5M1258A
21020-02740	5M1258A+2T
21020-22541	5M1202A
21020-22541	5M1218A
21020-23140	5M1204A
21020-23884	5M1153A
21020-25100	5M8596A
21020-2B010	5M8594A
21020-2B010	5M8549A
21020-42030	5M1252A
21211-37140	4M1215A
38265-2100	3M8318A
3C3Z6D309AA	5M7274P
48265-5500	4M8326A
48543-7000	3M8294A
5-11510-002	5M1887A
5-11510-002	5M1887P
5-11510-020	5M1193A
5-11510-021	5M1322A

Main Bearing Set	
5-11510-041	7M1887P
5-11510-046	7M1888P
5-11510-051	5M1894A
5-11510-051	5M1894P
5-11510-054	5M1847P
5-11510-054	5M1847A
5-11510-065	5M1885P
6150001	5M2519P
68002265AA	4M7316A
71732990	5M2894A
77BM6333BAA	3M1649A
7T4Z-6D309-B	4M4382A+2T
7T4Z-6D309-B	4M4382A
815M6333-DAA	5M2154A
88265-8830	3M8292A
88265-8840	3M8293A
8-92064-016-0	4M1842A
8-94110-927	5M1883A
8-94114-564	5M1848P
8-94114-564	5M1848A
8-94118-830	5M1188A
8-94132-813	5M1844A
8-94151-527	5M1869A
8-94153-512	5M1885A
8-94168-552	5M1893A
8-94168-553	5M1892A
8-94215-641	5M2817A
8-94251-263	5M2809A
8-94251-263	5M1882A
8-94360-465	5M1867A
8-94393-327	7M1837P
8-94446-580	5M1824A
8-97045-915	5M1837A
8-97045-915	5M1837P
8-97141-210	5M8562A
9117252	4M5564A
92066290	5M2293A
93742543	7M7232A
AU7Z-6D309	5M7257A
B6Y2-11-SGO	5M8353A
B6YO-11-SGO	5M8354A
B6YO-11-SGO	5M8334A
FE30-23-151	5M8137A
FE30-23-151	5M8134A
FSY1-11-SGOA	5M8302A
G601-11-SGO	5M8138A
JFY1-11-SGO/A	4M8352A
KLY1-11-SGOB	4M8147A
L3Y2-11-SGO	5M8174A
MD010780	3M1142A
MD019871	3M8578A
MD026815	5M1139A
MD026815	5M1239A
MD050360	5M1143A
MD050360	5M1137A
MD079646	3M8580A
MD091399	5M1217A
MD091399	5M1144A
MD114812	4M8584A

Main Bearing Set	
MD114812	5M8584A
MD124496	4M1149A
MD147999/210	5M1124A
MD174857	5M8037A
MD189832	4M1233A
MD194178	5M8039A
MD195906	5M1186A
MD195916	5M1219A
MD195926	5M8590A
MD197907	4M1183A
MD310665	5M1227A
ME011530	5M1198P
ME025265	7M1199P
ME995344~8	7M1232P
ME996520	5M1778P
ME997202	5M1197P
ME999088	5M1199P
MN195602-9	5M8565A
OK5Z1-11-SGO	5M8601A
OKFY0-11-SGO	5M8142A
OVNY1-11-SGO	5M8602A
PN11-11-SGO	5M8335A
RFO1-23-135A	5M2134A
S501-23-110	5M1747P
SL01-23-110	5M1777A
TF01-11-SGO	5M8548A
WLY1-11-SGO	5M8242A
ZJY1-11-SGO	5M8551A

Piston Pin Bush	
0107-11-212	RB4017
0107-11-212	4RB4017
0249-11-213	4RB4024
0249-11-213	RB4024
0636-11-213	RB4059
0636-11-213	6RB4059
0636-11-213	4RB4059
1-12251-027	4RB4073
1-12251-027	RB4073
1-12251-036	RB4291
1-12251-036	4RB4291
12030-02N00	4RB4282
12030-02N00	RB4282
12030-03J00	RB4273
12030-03J00	6RB4273
12030-03J01	6RB4128
12030-03J01	RB4128
12030-16A01	4RB4266
12030-16A01	RB4266
12030-21V00	6RB4190
12030-21V00	RB4190
12030-22J01	RB4110
12030-22J01	6RB4110
12030-2W200	RB4280
12030-2W200	4RB4280
12030-30P00	RB4191
12030-30P00	6RB4191
12030-31N00	6RB4112
12030-31N00	RB4112

OEM - ACL

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Piston Pin Bush	
12030-31N00	4RB4112
12030-31U01	RB4276
12030-31U01	6RB4276
12030-32200	RB4269
12030-32200	4RB4269
12030-37500	6RB4096
12030-37500	4RB4096
12030-37500	RB4096
12030-40F00	RB4105
12030-40F00	4RB4105
12030-43G00	RB4101
12030-43G00	6RB4101
12030-43G00	4RB4101
12030-53Y00	RB4271
12030-53Y00	6RB4271
12030-57J00	RB4267
12030-57J00	4RB4267
12030-58S00	RB4074
12030-58S00	6RB4074
12030-60J02	4RB4274
12030-60J02	RB4274
12030-60U00/1	RB4279
12030-60U00/1	8RB4279
12030-6N201	RB4278
12030-6N201	4RB4278
12030-77A00	4RB4107
12030-77A00	RB4107
12030-96000	4RB4066
12030-D4200	RB4275
12030-D4200	4RB4265
12030-D4200	RB4265
12030-D4200	6RB4275
12030-L2000	4RB4081
12030-L2000	RB4081
12030-R2000/1	4RB4268
12030-R2000/1	RB4268
12030-V0700	RB4102
12030-V0700	6RB4102
12030-V0700	4RB4102
12030-V7200	RB4272
12030-V7200	6RB4272
12030-W3400	RB4270
12030-W3400	4RB4270
12030-W3400	6RB4270
12100-AA-240	RB4125
12111-ES60A	RB4277
12111-ES60A	4RB4277
12113-AA120	4RB4233
12113-AA120	RB4233
12165-73000	RB4075
12165-73000	4RB4075
12165-73000	3RB4075
13203-PAA-A01	4RB4224
31134123	RB4002
47336-7001	4RB4051
47336-7001	RB4051
47336-70010	6RB4234
47336-70010	RB4234
5-12251-005	RB4283

Piston Pin Bush	
5-12251-005	4RB4283
5-12251-006	6RB4073
5-12251-010	4RB4286
5-12251-010	RB4286
5-12271-007	RB4072
5-12271-007	4RB4072
6210381-950	RB4010
6210381-950	4RB4010
8-94114-054	RB4289
8-94114-054	4RB4289
8-94118-825	RB4284
8-94118-825	4RB4284
8-94247-838	4RB4290
8-94247-838	RB4290
8-94247-968-0	RB4103
8-94247-968-0	4RB4103
8-94251-216	RB4118
8-94251-216	4RB4118
8-94369-904	RB4232
8-94369-904	4RB4232
8-94394-613	RB4292
8-94394-613	4RB4292
8-97383-066	RB4104
8-97383-066	4RB4104
90043-84052	RB4145
90043-84052	4RB4145
90043-84057	RB4022
90043-84057	4RB4022
90043-84086	4RB4094
90043-84086	RB4094
90384-32951	6RB4259
90384-32951	RB4259
90384-32951	4RB4259
90999-70005	6RB4248
90999-70005	RB4248
90999-70048	4RB4023
90999-70048	4RB4244
90999-70048	RB4244
90999-70048	RB4023
90999-73027	4RB910
90999-73027	RB910
90999-73059	RB4255
90999-73059	4RB4255
90999-73064	4RB4040
90999-73064	RB4040
90999-73065	4RB4065
90999-73065	RB4065
90999-73066	RB4008
90999-73066	4RB4008
90999-73070	6RB4239
90999-73070	RB4239
90999-73070	4RB4037
90999-73072	4RB4028
90999-73072	6RB4028
90999-73072	RB4028
90999-73080/1	6RB4249
90999-73080/1	RB4249
90999-73083	4RB4252
90999-73083	RB4252

Piston Pin Bush	
90999-73087	RB4070
90999-73087	4RB4070
90999-73088	4RB4076
90999-73088	RB4076
90999-73095	4RB4256
90999-73095	RB4256
90999-73099	4RB4082
90999-73099	RB4082
90999-73101	4RB4247
90999-73101	RB4247
90999-73102	4RB4097
90999-73102	RB4097
90999-73107	RB4240
90999-73107	6RB4240
90999-73108	RB4242
90999-73108	6RB4242
90999-73109	4RB4254
90999-73109	RB4254
90999-73111	4RB4246
90999-73111	RB4246
90999-73112	RB4087
90999-73112	4RB4087
90999-73113	6RB4241
90999-73113	RB4241
90999-73114	RB4100
90999-73114	4RB4100
90999-73115	4RB4093
90999-73115	RB4093
90999-73118	RB4080
90999-73118	4RB4080
90999-73119	RB4253
90999-73119	6RB4253
90999-73125	4RB4238
90999-73125	RB4238
90999-73125	RB4257
90999-73125	4RB4257
90999-73126	4RB4090
90999-73126	RB4090
90999-73126	5RB4090
90999-73127	RB4243
90999-73127	6RB4243
90999-73128	RB4245
90999-73128	4RB4245
90999-73130	RB4109
90999-73130	6RB4109
90999-73134	4RB4095
90999-73134	RB4095
90999-73135	6RB4098
90999-73135	RB4098
90999-73136	4RB4250
90999-73136	RB4250
90999-73140	RB4236
90999-73140	4RB4236
90999-73143/56	RB4251
90999-73143/56	4RB4251
90999-73144	RB4235
90999-73144	4RB4235
90999-73950	RB4258
90999-73950	4RB4258

Piston Pin Bush	
9-12251-045	RB4288
9-12251-045	4RB4288
9-12251-059	4RB4285
9-12251-059	RB4285
9-12251-059	6RB4287
9-12251-059	RB4287
9-12251-061	RB4013
9-12251-061	4RB4013
9-12251-062	4RB4058
9-12251-062	RB4058
9-94316-289	RB4305
B660-11-213	RB4108
B660-11-213	4RB4108
F6DZ-6207-A	RB4114
MD010707	4RB4295
MD010707	RB4295
MD050009	RB4091
MD050009	4RB4091
MD060467	4RB4297
MD060467	RB4297
ME012257	4RB4069
ME201016	4RB4293
ME201016	RB4293
ME203868	4RB4294
ME203868	RB4294
PN11-11-213	RB4261
PN11-11-213	4RB4261
RF01-11-213	RB4077
RF01-11-213	4RB4077
RF71-11-213	RB4262
RF71-11-213	4RB4262
S213-11-213	RB4068
S213-11-213	4RB4068
S501-11-213	4RB4264
S501-11-213	RB4264
SEO1-11-213	RB4088
SEO1-11-213	4RB4088
SLO1-11-213	RB4078
SLO1-11-213	4RB4078
TF01-11-213	RB4260
TF01-11-213	4RB4260
WE01-11213A	RB4263
WE01-11213A	4RB4263
WL01-11-213	RB4111
WL01-11-213	4RB4111

Thrustwasher Set	
0249-23-115	2T1157
0305-23-201A	2T4162
0324-11-380	2T1167
0636-23-115	2T1747
11011-0A010	2T8379
11011-10010	2T8392
11011-11020	2T8382
11011-15010	2T1695
11011-17010	2T8397
11011-22011	2T8062
11011-23010	2T8480
11011-25010	2T1689



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Thrustwasher Set		Thrustwasher Set	
11011-25010	2T1689P	12300-60820	1T8443
11011-31030	2T8002	12300-73830	1T8342
11011-31050	2T8468	12300-78830	1T8355
11011-31070	2T8263	12300-82820	1T8337
11011-35011	2T1703	12300-85830	1T8307
11011-35020	2T1705	13331-634-0030	1T1952
11011-45010	2T7962	13331-679-003	1T1991
11011-46020	2T1362	13331-PG6-003	1T1957
11011-46030	2T8103	13331-PH7-003/	1T1934
11011-50010	2T8092	13331-PR3-003	1T1959
11011-51010	1T8254	13331-PTO-003	1T1937
11011-54010	2T1727	13343-P8A-AD1	1T1996
11011-56010	2T8283	1456-23-115	2T1748
11011-61010	2T7987	21030-02740	1T1258
11011-62010	2T8063	21030-23000	1T1204
11011-64010	2T8372	21030-37200	2T1215
11011-66020	2T7989	31309-08101	3T1197
11011-67020	2T1852	5-11599003-1	1T8562
11011-68020	2T1388	8034-11-380	2T8334
11011-70010	2T8474	81SM6A341-AA	1T2154
11011-74020	2T8363	8-94114-565	2T1889
11011-75010	2T8377	8-94210-265	1T2809
11011-75020	2T8423	8-94210-750	1T3286
11011-76010	2T1357	8-94396-980	3T1837
11011-78010	2T8439	8-94481-907	1T1824
11011-78201	2T8488	8-97014-208	1T1842
11011-78300	2T8494	8L3Z-6K302A	2T4382
11011-87101	1T8017	9-11581-048	1T1192
11011-87201	1T8019	9-11581-057	1T1893
11011-87202	1T8126	9-11585-065	2T1887
11011-87701	1T8011	9-11585-601	2T1888
11011-87702	1T8025	B6YO-11-SJO	1T8353
11791-33030	1T1853	FSY1-11-SJO	1T8302
11791-36010	1T8429	JFY1-11-SJO	2T8352
11791-40020	1T8424	MD010350/1	1T1142
11791-47020	1T8404	MD115171	1T8584
11791-B1020	1T8438	MD128659	2T1149
11791-OHO20	1T8412	MD174862	1T8037
12111-E560A	1T2627	MD189837	1T1233
12208-75000	2T2995	MD197988	1T1183
12252-KA000	2T8329	MD351820	1T1219
12280/81-31U0	2T2633	MD374820	1T1227
12280/81-60U0	2T2597	ME013564	3T1199
12280-01800	1T2769	ME031059	3T1232
12280-2W210	1T2678	ME201016	2T1778
12280-41B01	1T2665	MN195449	1T8565
12280-53Y00	1T2952	PN11-11-SJO	1T8335
12280-60J00	1T2964	RFO1-23-115	2T2134
12280-6N210	1T2628	SL01-23-115	2T1777
12280-88A0A	1T2905	TF01-11-SJO	2T8548
12280-95025	2T2647	WLY1-11-SJO	2T8242
12280-96025	2T2717	ZJY1-11-SJO	1T8551
12280-9C625	2T1298		
12280-B5225	2T4302		
12280-BC20A	1T2635		
12280-EA20A	1T2539		
12280-J2025	2T2775		
12280-Z5225	2T2915		
12300-60820	1T8339		



Auxillary Bearing Set

PC005L	2BS8078
PC009L	2BS8286

Balance Shaft Bearing Set

B111A	3BS5385
B113A	3BS5288
B113A	2BS8559A
B133A	2BS8558A
B255A	4BS8452
B256A	2BS8453
B724A	4BS8416A

Camshaft Bearing Set

C001L	5C7969
C002L1	4C8066
C003L	3C8006
C004L	3C8482A
C009L	4C8076
C018L	5C8186
C028L	5C8217
C030L	5C8180A
C031L	4C7979
C032L	4C8065
C032L	4C8056
C034A	4C8052
C035L	3C8071
C037A	3C8074
C040L	5C8215
C041L	5C8045
C042A	5C8094
C048L	5C8205
C051L	3C4018
C052L	3C4036
C060L	5C4146
C072L	4C4286
C081L	4C4036
C087A	5C4055
C160L1	3C8127
C160L1	3C8116
C168L	4C8081
C171L	3C6127
C172L	5C6128A
C173L	6C8081
C176L	5C8083
C177L	3C8081
C184A1	3C8084
C216L	3C8230A
C276A	3C8454A
C304L	3C8276
C706A	1C8398A
C709A	7C8252A
C713A	3C8490A
C719A	3C8448A
C721A	3C8496A
C722A	4C8499A
C724A	1C8415A
C801A	5C8553A
C804A	5C8554A

Conrod Bearing Set

Conrod Bearing Set

R004H	4B8479A
R005H	6B1160A
R008H	6B1170A
R012H	4B2980A
R016A	4B1691A
R018H2	4B1686A
R019H1	4B1714A
R020H	4B1701A
R021A	6B8470A
R022A	4B1690A
R024A	4B8360A
R025A	4B8390A
R026A	4B1101A
R027H	4B8380A
R028A	4B8375A
R029H	6B8040A
R030H	6B1356P
R031A	6B7971A
R032A	4B8493A
R032A	4B1361A
R033A	6B1376A
R034A	6B8493A
R034A	6B1360A
R035A	4B1786A
R037A	4B1726A
R037A	4B1730A
R038A	4B8370A
R040A	4B8280A
R041A	4B8281A
R043A	4B1710A
R044A	6B7986A
R045A	4B8371A
R046A	4B8364A
R047A	6B8471A
R048A1	4B8285A
R051H	4B2636A
R052H	4B2751A
R054H	4B1171A
R055H	4B2941A
R057H	6B1171A
R059H	4B2638A
R062H	4B2756P
R065H	6B2776P
R068H	4B1620A
R072H	6B1301P
R076H	6B2716P
R080H	4B2948A
R080H	4B1366A
R081H	6B1366P
R082H	4B2776P
R083H	4B1630A
R084H	4B2746A
R086H	6B1630A
R094A	4B2950A
R096H	6B2966P
R097A	6B2930A
R098H	4B2960P
R098H	4B2960A
R099H	6B2630P

Conrod Bearing Set

R099H	6B2630A
R103H	4B1141A
R1052A	4B2620A
R1054A	4B2907A
R108H	6B1536P
R109H	4B1196P
R111A/R3102A	4B1146A
R112H	6B1230P
R113A1	4B1136A
R117H/R121H	4B1535P
R119A/R3101A	4B1736A
R120A	2B8577A
R122H	4B1230P
R123A	6B1140A
R127A1	3B8583A
R130A	4B1130A
R133H	4B1770P
R134H	4B1190P
R135A	4B8036A
R136A	4B1185A
R137H	4B8589A
R138H	6B1180A
R141H	4B1800P
R142H	6B1231P
R160H	4B1320A
R168H1	4B1886P
R169H1	6B1886P
R172A1	4B2821A
R172A1	4B1820A
R176H	4B1881A
R181A	4B1870A
R184A1	4B1890A
R187A	4B1816A
R191A	4B1826A
R216H	4B8435P
R251H	4B1351A
R255A	2B8010A
R256A	3B8010A
R276A	4B1426A
R279A	3B8020A
R280A	3B8023A
R281H	3B8024A
R283A	4B8016A
R284A	3B8120A
R3001A	4B8150A
R3002A/R3003A	4B8600A
R303A	4B1156A
R304A1	4B1756A
R305A	4B1626A
R3103H	4B1191P
R3105A	4B1201A
R3106A	4B1256A
R312A	4B1776A
R312A	4B8144A
R313A	4B8331A
R314H	4B1750A
R315A1	4B8143A
R317A	4B8351A
R322A	4B8140A

Conrod Bearing Set

R322A	4B8243P
R322A	4B8243A
R323H	6B8149A
R324A	4B8330A
R325A	4B8300A
R326A	4B8547A
R327A	4B8240A
R328A	6B8350A
R336A	4B2130A
R451H	4B1951A
R452H	4B1950A
R453H	4B1926A
R454H	4B1946P
R454H	4B1946A
R455H	4B1930A
R456H	4B1955A
R457A	4B1908A
R458H	4B1936A
R459H	4B1912P
R460H	4B1956A
R460H	4B1956P
R462H	4B1910A
R463H	4B1983A
R464H	4B1927A
R465H	6B1935A
R468A	4B1978A
R469H	4B1906P
R470H	4B1972P
R601H	4B8291A
R602H	2B8316A
R606H	3B8323A
R607H	3B8324A
R651A	4B1266A
R652A	3B1266A
R653A	3B8358A
R655A	3B8336A
R656A	4B8336A
R657A	4B8340A
R658A	3B8540A
R660A	4B8244A
R661A	6B8306A
R662A	4B8306A
R664A	4B8441A
R665A	4B8440A
R702H1	6B8100A
R703A	4B8376A
R704A	6B8060A
R705H	6B8061A
R706A	5B8396A
R707A	6B8396A
R708A	6B7990A
R710A	4B8365A
R711A	4B8414A
R713A	4B8486A
R714A	4B1680A
R715A	4B1851A
R716H	4B1780P
R717A	4B8395A
R718A	4B8391A



INTERCHANGE

Taiho - ACL

Conrod Bearing Set

R719A	6B8381A
R720A1	4B1850A
R723A	4B8210A
R723A	4B8224A
R724A	4B8411A
R725A	4B8155A
R726A	4B8425A
R729A	4B8419A
R734A	4B8450A
R735A	3B8421A
R736A	6B8262A
R740A	6B8466A
R744A	4B8451A
R801H	4B1836P
R802H	6B1831P
R808H	4B1854P
R809H	6B1839P
R810A	6B1840A
RP092H	4B2914P
RP307H/R308H	6B1760P
RP307H/RP308H	4B1760P

Main Bearing Set

M001H	3M2987A
M004H	5M8480A
M005H	7M1164A
M008H	7M1165A
M009H	5M1699A
M010H	5M1697A
M011H	5M1703A
M012H	3M2977A
M016A	3M1692A
M018H	5M1718A
M019H	5M1689A
M021A	7M8474A
M022A	5M1704A
M023A	3M2984A
M024A	5M8361A
M025A	5M8392A
M026A	5M1103A
M027A1	5M8382A
M029H	4M8063A
M030H	7M1357P
M031A	4M7972A
M032A	5M8258A
M034A	7M1388A
M035A	5M1787A
M036A	4M7982A
M037A	5M1727A
M038A	5M8372A
M040A	5M8374A
M041A	5M8282A
M042A	5M1728A
M043A	5M1695A
M044A	4M7987A
M045A	5M8373A
M046A	5M8368A
M047A	7M8475A
M051H	3M2215A

Main Bearing Set

M053H1	5M2757A
M054H	5M1172A
M055H	3M2932A
M057H	7M1172A
M059H	3M2637A
M062H	5M2775A
M066H1	5M1176A
M068H	5M1623A
M072H	7DM1304P
M073H1	7M1305P
M076H1	7M2717P
M080H1	3M1367A
M081H1	4M1367A
M083H	5M8572A
M084H	5M2747A
M085H	5M1369A
M087H	5M2965A
M093A	5M2769A
M094A	5M2949A
M095A	5M1633A
M096H	7M2965P
M098H	5M2964P
M098H	5M2964A
M099H	4M2633A+4T
M099H	4M2633A
M103H	3M1142A
M1051A	5M2678A
M1052A	5M2628A+2T
M1052A	5M2628A
M1054A	5M2905A
M1056A	5M2635A
M108H3	7M1199P
M109H	5M1197P
M111A2	5M1217A
M111A2	5M1144A
M113A3	5M1137A
M117H	5M1199P
M117H1	5M1198P
M118A1	5M1239A
M118A1	5M1139A
M119A/M3101A	5M1124A
M120A	3M8580A
M123A1	4M1149A
M127A	4M8584A
M133H	5M1778P
M135A	5M8037A
M136A	5M1186A
M137H	5M8590A
M138H	4M1183A
M140A	5M1227A
M142A	4M1233A
M146H	7M1232P
M153H1	5M1193A
M160H2	5M1322A
M168H	5M1887P
M168H	5M1887A
M169H	7M1887P
M171H	5M2817A
M172A	5M2809A

Main Bearing Set

M172A	5M1882A
M173H1	7M1888P
M176A	5M1883A
M177H1	5M1848A
M177H1	5M1848P
M178H	5M1847P
M178H	5M1847A
M181A	5M1869A
M182H1	7M1884P
M183H	5M1188A
M184A1	5M1892A
M185A	5M1893A
M191A	5M1867A
M197A	5M1824A
M202H	5M1705A
M216H	5M8439P
M251H	3M8043A
M255A	3M8011A
M256A	4M8011A
M275A	5M1427P
M276A	5M1382A
M277A	3M8015A
M278A	4M8009A
M279A	4M8019A
M280A	4M8025A
M282A	5M1392A
M283A	5M8017A
M284A	4M8126A
M3002A	5M8602A
M3003A	5M8601A
M303A	5M1157A
M304A	5M1627A
M307H	5M1747P
M3102A	5M1153A
M3105A	5M1202A
M3105A	5M1218A
M3106A	5M1259A
M310A	5M1167A
M311A	3M1757A
M312A	5M1777A
M313A	5M8334A
M314H	5M1748A
M315A	5M8137A
M315A	5M8134A
M316A	5M2134A
M317A	5M8353A
M324A	5M8335A
M325A	5M8302A
M326A	5M8548A
M327A	5M8242A
M328A	4M8352A
M451A	5M1952A
M453A	5M1932A
M454H	5M1947A
M457A	5M1909A
M458H	5M1957P
M458H	5M1957A
M459H	5M1937A
M461H	5M1959P

Main Bearing Set

M461H	5M1959A
M463H	5M1984A
M464A	5M1928A
M465H	4M1934A
M466A	6M1944A
M468A	5M1979A
M601H	3M8292A
M602H	3M8318A
M603H	3M8294A
M604H	3M8293A
M606H	4M8326A
M651A	5M8342A
M653A	4M8355A
M654A	4M8338A
M655A	4M8337A
M656A	5M8337A
M657A	5M8339A
M658A	4M8542A
M660A	4M8245A
M661A	5M8307A
M662A	4M8307A
M663A	4M8545A
M664A	5M8444A
M665A	5M8443A
M703A2	5M8378A
M704A1	4M8070A
M706A	6M8397A
M707A	7M8397A
M708A	7M7989A
M713A	5M8487A
M715A	5M1853A
M717A	5M8399A
M719A	4M8379A
M720A1	5M1852A
M721A	5M8494A
M722A	7M8494A
M723A	5M8214A
M723A1	5M8226A
M724A	5M8412A
M725A	5M8184A
M725A	5M8426A
M726A	5M8185A
M726A	5M8438A
M727A	5M8495A
M728A	7M8495A
M729A	5M8423A
M734A	5M8458A
M735A	4M8424A
M736A	4M8263A
M739A	4M8468A
M801H	5M1837P
M802H	7M1837P
M810A	4M1842A
MP092H	5M2915P

Piston Pin Bush

P002H	4RB4037
P003H	4RB910
P004H	4RB4255



Piston Pin Bush	
P005H	4RB4008
P010H	4RB4028
P012H	4RB4040
P015H	4RB4070
P021H	6RB4241
P028H	RB4082
P028H	4RB4082
P030H	6RB4249
P030P	6RB4248
P032H	4RB4244
P032H	4RB4252
P034H	4RB4023
P035H	RB4065
P037H	4RB4093
P038H	4RB4247
P039H	4RB4080
P040H	4RB4076
P042H	4RB4100
P043H	4RB4246
P044H	RB4028
P044H	6RB4028
P045H	4RB4097
P046H	4RB4254
P047H	6RB4239
P048H	4RB4095
P048H	RB4095
P049H	6RB4242
P054H	4RB4102
P076H	4RB4066
P080H	4RB4096
P081H	6RB4096
P085H	4RB4081
P087H1	4RB4101
P096H1	6RB4101
P103H	4RB4295
P113H	4RB4091
P117H	4RB4069
P133H	4RB4293
P157H	4RB4013
P160H	4RB4058
P168H	4RB4073
P169H	6RB4287
P170H	4RB4285
P171H	4RB4288
P173H	6RB4073
P175H	4RB4236
P176H	4RB4072
P177H	4RB4286
P184H1	4RB4103
P187H	4RB4118
P216H	4RB4256
P275H1	4RB4145
P275H1	4RB4022
P276H	4RB4094
P303H	4RB4024
P304H	4RB4017
P312H	4RB4088
P314H	4RB4068
P316H	4RB4077

Piston Pin Bush	
P318H	4RB4078
P319H	4RB4059
P320H	6RB4059
P324H	4RB4261
P327H	4RB4111
P652H	3RB4075
P659H	4RB4075
P702H	4RB4245
P703H	4RB4257
P703H	4RB4238
P704H	6RB4109
P707H	4RB4090
P708H	6RB4098
P709H	6RB4243
P710H	4RB4087
P713H	4RB4258
P719H	6RB4253
P720H	4RB4250
P721H	4RB4259
P722H	6RB4259
P801H	4RB4291
P808H	4RB4292
R706H	5RB4090

Thrustwasher Set	
T001H	2T7962
T002A	2T8062
T003A	2T8002
T004A	2T8480
T011A	2T1703
T018A	2T1689
T018A	2T1689P
T020A	2T1705
T021A	2T8474
T022A	2T1695
T025A	2T8392
T027A	2T8382
T029A	2T8063
T030A	2T1357
T032A	2T1362
T034A	2T1388
T037A	2T1727
T038A	2T8372
T040A	2T8283
T044A	2T7987
T051H	2T4302
T062H	2T2775
T067H	2T2647
T076H	2T2717
T092H	2T2915
T093A	1T2769
T094A	1T2952
T098H	1T2964
T099A	2T2633
T103H	1T1142
T1054A	1T2905
T1056A	1T2635
T108H	3T1199
T110H	3T1197

Thrustwasher Set	
T112H	3T1232
T123A	2T1149
T127A	1T8584
T133A	2T1778
T135A	1T8037
T138A	1T1183
T139A	1T1219
T142A	1T1233
T157H	1T1192
T160H	1T1893
T168H	2T1888
T169H	2T1887
T171A1	1T3286
T171A1	1T1824
T173H	2T1889
T216H	2T8439
T255A	1T8011
T275A	1T1427
T280A	1T8025
T283A1	1T8017
T284A	1T8126
T303A	2T1157
T304A	2T4162
T307A	2T1747
T310A	2T1167
T312A	2T1777
T313A	2T8334
T314A	2T1748
T316A	2T2134
T317A	1T8353
T324A	1T8335
T325A	1T8302
T327A	2T8242
T451A1	1T1952
T459A	1T1937
T461A	1T1959
T461A	1T1957
T651A	1T8342
T653A	1T8355
T655A	1T8337
T657A	1T8339
T661A	1T8307
T664A	1T8443
T702A	2T8103
T703A	2T8377
T706A	2T8397
T708A	2T7989
T710A	2T8363
T713A	2T8488
T715A	1T1853
T719A	2T8379
T720A	2T1852
T721A	2T8494
T724A	1T8412
T729A	2T8423
T733A	2T8092
T735A	1T8424
T736A	2T8263
T738A	2T8468

Thrustwasher Set	
T801A	3T1837
T810A	1T1842



Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
8328A	4B8328A	34.018	1.498	30.989	13.5	F810	8593A	4B8593A	45.000	1.513		14.3	F810
8328	4B8328P	34.018	1.498	30.989	13.5	F780	2389A	6B2389A	45.011	1.508	41.974	16.1	F810
8241	1B8241	35.016	1.486	31.999	17.0	F23	5555A	4B5555A	45.012	1.505	41.980	18.5	F810
1988A	3B1988A	35.020	1.504	32.000	17.5	F810	5560A	3B5560A	45.012	1.500	41.990	15.0	F810
8358A	3B8358A	35.020	1.490	32.000	16.1	F810	5531A	4B5531A	45.016	1.507	41.980	19.0	F810
8155A	4B8155A	38.010	1.494	35.000	13.0	F810	5531	4B5531P	45.016	1.507	41.980	19.0	F780
8430H	4B8430H	38.016	1.488	35.000	15.0	F781	8324A	3B8324A	45.016	1.490	42.000	15.1	F810
8430HX	4B8430HX	38.016	1.475	35.000	15.0	F781	8323A	3B8323A	45.016	1.490	42.000	15.1	F810
8583A	4B8583A	39.020	1.489	36.000	14.6	F810	1610A	4B1610A	45.016	1.506	41.970	18.0	F810
	3B8583A	39.020	1.489	36.000	14.6	F810	1610	4B1610P	45.016	1.505	41.980	18.0	F780
8540A	3B8540A	39.020	1.490	36.000	16.1	F810	8336H	4B8336H	45.018	1.490	42.000	18.1	F781
8020A	3B8020A	40.020	1.494	37.000	15.0	F810	8440HX	4B8440HX	45.018	1.477	42.000	18.1	F781
1926A	4B1926A	40.025	1.504	37.000	17.5	F810	8440H	4B8440H	45.018	1.490	42.000	18.1	F781
8316A	2B8316A	41.016	1.490	38.000	15.1	F810	8440A	4B8440A	45.018	1.490	42.000	18.1	F810
1266A	4B1266A	41.017	1.490	38.000	18.0	F810	8336HX	4B8336HX	45.018	1.477	42.000	18.1	F781
	3B1266A	41.017	1.490	38.000	18.0	F810	8336A	4B8336A	45.018	1.490	42.000	18.1	F810
1256A	4B1256A	41.020	1.495		14.6	F810		3B8336A	45.018	1.490	42.000	18.1	F810
8244A	4B8244A	41.020	1.491	38.000	16.1	F810	8336	4B8336P	45.018	1.490	42.000	18.1	F780
1931A	4B1931A	41.025	1.504	38.000	18.5	F810		3B8336P	45.018	1.490	42.000	18.1	F780
7640A	4B7640A	41.139	1.570	37.975	21.2	F810	1351A	4B1351A	45.019	1.488	42.000	21.1	F810
3034A	4B3034A	41.140	1.549	38.008	19.0	F810	1130A	4B1130A	45.020	1.493	42.000	15.7	F810
7706AL	4B7706A	41.144	1.548	38.008	16.3	F820	8436A	4B8436A	45.020	1.492	42.000	13.0	F810
2600	3B2600P	41.616	1.813	37.965	17.0	F780	8441A	4B8441A	45.020	1.493	42.000	16.0	F810
1927A	4B1927A	42.020	1.504	39.000	18.5	F810	1736A	4B1736A	45.020	1.493	42.000	17.6	F810
1870A	4B1870A	43.000	1.506	39.945	17.0	F810	8472	6B8472P	45.020	1.492	42.000	18.2	F780
2770A	4B2770A	43.013	1.500	39.974	15.1	F810	8472A	6B8472A	45.020	1.492	42.000	18.2	F810
2660A	4B2660A	43.013	1.508	39.974	15.0	F810	8470A	6B8470A	45.020	1.498	42.000	18.9	F810
2950A	4B2950A	43.013	1.505	39.974	17.1	F810	1460A	4B1460A	45.021	1.503	41.998	17.5	F810
1620A	4B1620A	43.013	1.503	39.974	17.1	F810	1955A	4B1955A	45.024	1.496	41.994	18.5	F810
8331A	4B8331A	43.019	1.515	39.954	17.0	F810	1780A	4B1780A	45.024	1.490	42.000	17.1	F810
1990A	2B1990A	43.020	1.504	40.000	17.5	F810	1951A	4B1951A	45.024	1.496	41.994	17.5	F810
8210A	4B8210A	43.020	1.497	40.000	13.6	F810	1780HX	4B1780HX	45.024	1.474	42.000	17.1	F781
8577A	2B8577A	43.020	1.495	39.992	17.1	F810	1780H	4B1780H	45.024	1.487	42.000	17.1	F781
8564A	4B8564A	43.020	1.493	40.000	13.6	F810	1101A	4B1101A	45.024	1.496	42.000	18.9	F810
8224A	4B8224A	43.020	1.495	40.000	13.6	F810	1780	4B1780P	45.024	1.490	42.000	17.1	F780
8425A	4B8425A	43.020	1.492	40.000	13.2	F810	3040A	4B3040A	45.140	1.548	42.008	19.0	F810
8421A	3B8421A	43.020	1.500		13.6	F810	2890A	4B2890A	45.744	1.560		20.0	F810
1978A	4B1978A	43.020	1.498	40.000	13.5	F810	2890	4B2890P	45.744	1.560		20.0	F780
2634A	4B2634A	43.020	1.510	39.971	15.0	F810	2423A	3B2423A	46.012	1.500	42.987	13.2	F810
8390A	4B8390A	43.021	1.491	40.000	15.1	F810		4B2423A	46.012	1.500	42.987	13.2	F810
8010A	3B8010A	43.024	1.490	40.000	18.0	F810	1350A	4B1350A	46.013	1.497	42.987	16.6	F810
1710A	4B1710A	43.024	1.498	40.000	17.1	F810	8380A	4B8380A	46.020	1.492	43.000	15.1	F810
8010A	2B8010A	43.024	1.490	40.000	18.0	F810	1231	6B1231P	46.020	1.490	43.000	15.0	F780
1690A	4B1690A	43.024	1.498	40.000	17.1	F810	8024	3B8024A	46.020	38.024	43.000	18.0	F780
8120A	3B8120A	43.024	1.494	40.000	16.0	F810	9920A	4B9920A	46.687	1.824	43.007	21.6	F810
1950A	4B1950A	43.025	1.499	39.994	17.5	F810	1650A	4B1650A	46.705	1.834	43.010	17.3	F810
1930A	4B1930A	43.025	1.504	40.000	18.5	F810	5231A	4B1380A	46.909	1.488	43.909	19.5	F810
7268A	4B7268A	43.045	1.506	40.000	15.0	F810	8450A	4B8450A	47.000	1.493		14.5	F810
7830A	4B7830A	43.650	1.813	40.000	16.3	F810	8340A	4B8340A	47.020	1.495	44.000	18.1	F810
7860A	4B7860A	43.650	1.813	40.000	16.3	F810	8471A	6B8471A	47.020	1.492	44.000	17.2	F810
2806A	4B2806A	43.670	1.813	40.005	16.6	F810	8225A	4B8225A	47.020	1.495	44.000	15.6	F810
1810A	4B1810A	44.010	1.485	41.010	18.0	F810	8471	6B8471P	47.020	1.492	44.000	17.2	F780
1046	4B1046P	44.012	1.543	40.890	19.1	F780	2903HX	4B2903HX	47.020	1.476	44.008	16.3	F781
1047A	4B1047A	44.012	1.543	40.890	19.1	F810	2903H	4B2903H	47.020	1.489	44.008	16.3	F781
7767A	4B7767A	44.013	1.509	40.967	19.2	F810	2941A	4B2941A	47.020	1.505	43.980	25.1	F810
2201	4B2201P	44.983	1.826	41.298	22.4	F780	2907A	4B2907A	47.020	1.506	43.971	16.0	F810
8544A	4B8544A	45.000	1.490		18.1	F810	2903A	4B2903A	47.020	1.490	44.008	16.3	F810
8402A	4B8402A	45.000	1.495		13.9	F810	1851A	4B1851A	47.023	1.496	44.000	15.7	F810



Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
8364A	4B8364A	47.040	1.492	44.000	17.9	F810	1956A	4B1956A	48.020	1.504	45.000	18.5	F810
7267A	4B7267A	47.045	1.516	44.000	15.3	F810	1956H	4B1956H	48.020	1.499	45.000	18.5	F781
1018A	4B1018A	47.142	1.550	44.008	18.5	F810	1956HX	4B1956HX	48.020	1.486	45.000	18.5	F781
7230A	6B7230A	47.200	1.595		14.6	F810	2673A	4B2673A	48.020	1.506	44.974	15.1	F810
7826A	4B7826A	47.625	1.810	43.980	20.8	F810	1974A	6B1974A	48.020	1.501	45.000	17.5	F810
7900A	4B7900A	47.625	1.806	43.980	17.8	F810	8016A	4B8016A	48.020	1.490	45.000	18.0	F810
5001AL	6B5001A	47.625	1.582	44.425	26.0	F820	1943A	5B1943A	48.020	1.498	45.000	19.4	F810
7908A	4B7908A	47.625	1.806	43.980	17.8	F810	2674A	4B2674A	48.020	1.506	44.974	17.1	F810
7907A	4B7907A	47.628	1.808	43.980	17.8	F810	8023A	3B8023A	48.020	1.494	45.000	20.1	F810
5526A	4B5506P	47.628	1.806	43.980	17.8	F810	1908A	4B1908A	48.020	1.505	45.000	15.0	F810
5524	4B5524P	47.628	1.803	43.980	20.6	F780	1956	4B1956P	48.020	1.504	45.000	18.5	F780
5506	4B5506P	47.628	1.815	43.980	20.8	F780	2675A	4B2675A	48.020	1.508	44.974	18.6	F810
5527A	4B5527P	47.628	1.803	43.980	17.6	F810	8589A	4B8589A	48.020	1.499	45.000	21.2	F810
7906A	4B7906A	47.628	1.808	43.980	17.8	F810	1146HX	4B1146HX	48.020	1.476	45.000	23.5	F781
5525	4B5524P	47.628	1.803	43.980	17.6	F780	1146H	4B1146H	48.020	1.489	45.000	23.5	F781
1980A	4B1980A	48.000	1.502	45.000	15.5	F810	1983A	4B1983A	48.020	1.498	45.000	19.4	F810
5570A	4B5570A	48.011	1.495	44.991	22.0	F810	1146A	4B1146A	48.020	1.493	45.000	23.5	F810
2956A	4B2956A	48.011	1.504	44.974	19.6	F810	1150A	6B1150A	48.020	1.493	45.000	15.5	F810
1371A	4B1371A	48.012	1.499	44.987	19.2	F810	8270A	6B8270A	48.020	1.490	45.005	14.6	F810
2620A	4B2620A	48.013	1.507	44.974	19.0	F810	1201A	4B1201A	48.020	1.505	44.990	19.1	F810
2630	6B2630P	48.013	1.502	44.974	17.0	F780	1856A	4B1856A	48.024	1.492	45.000	16.0	F810
1630A	6B1630A	48.013	1.508	44.974	18.6	F810	1856H	4B1856H	48.024	1.492	45.000	16.0	F781
1630	4B1630P	48.013	1.508	44.974	18.6	F780	1946HX	4B1946HX	48.024	1.491	45.000	19.5	F781
	6B1630P	48.013	1.508	44.974	18.6	F780	1856HX	4B1856HX	48.024	1.479	45.000	16.0	F781
1630A	4B1630A	48.013	1.508	44.974	18.6	F810	1906	4B1906P	48.024	1.502	45.000	15.5	F780
2630HX	6B2630HX	48.013	1.489	44.974	17.0	F781	1906H	4B1906H	48.024	1.502	45.000	15.5	F781
2630H	6B2630H	48.013	1.502	44.974	17.0	F781	1925H	4B1925H	48.024	1.502	45.000	17.5	F781
1630HX	4B1630HX	48.013	1.492	44.974	18.6	F781	1925	4B1925P	48.024	1.502	45.000	17.5	F780
1630H	4B1630H	48.013	1.505	44.974	18.6	F781	1946H	4B1946H	48.024	1.504	45.000	19.5	F781
2630A	6B2630A	48.013	1.502	44.974	17.0	F810	1946A	4B1946A	48.024	1.502	45.000	19.5	F810
8036H	4B8036H	48.015	1.492	45.000	16.8	F781	1946	4B1946P	48.024	1.502	45.000	19.5	F780
8036A	4B8036A	48.015	1.492	45.000	16.8	F810	1925A	4B1925A	48.024	1.502	45.000	17.5	F810
8038A	4B8038A	48.015	1.492	45.000	16.8	F810	1925HX	4B1925HX	48.024	1.489	45.000	17.5	F781
1490H	6B1490H	48.016	1.490	44.991	18.0	F781	1906HX	4B1906HX	48.024	1.489	45.000	15.5	F781
1206A	4B1206A	48.016	1.498	44.990	21.0	F810	1910A	4B1910A	48.024	1.502	45.000	19.5	F810
8290A	4B8290A	48.016	1.490	45.010	14.6	F810	2206	4B2206P	48.158	1.824	44.473	21.6	F780
8291A	4B8291A	48.016	1.485	45.000	13.6	F810	2556	4B2556P	48.158	1.829	44.463	18.9	F780
1579	6B1579P	48.016	1.497	44.991	18.0	F780	5121AL	4B5121A	48.171	1.570	44.988	19.2	F820
1490HX	6B1490HX	48.016	1.477	44.991	18.0	F781	1441A	4B1441A	48.646	1.547	45.528	19.2	F810
	4B1490HX	48.016	1.477	44.991	18.0	F781	1444A	4B1444A	48.646	1.538	45.528	19.2	F810
8351HX	4B8351HX	48.016	1.502	44.956	17.0	F781	1441	4B1441P	48.646	1.544	45.518	19.2	F780
8351H	4B8351H	48.016	1.515	44.956	17.0	F781	7770D	4B7770D	48.671	1.820	44.991	17.1	F781
8351A	4B8351A	48.016	1.515	44.956	17.0	F810	7740A	4B7740A	48.671	1.820	44.991	20.3	F780
1579	4B1579D	48.016	1.497	44.991	18.0	F780	7710A	4B7710A	48.671	1.820	44.991	19.8	F810
1490A	6B1490A	48.016	1.497	44.991	18.0	F810	7712A	4B7712A	48.671	1.820	44.991	19.8	F810
1579	6B1579D	48.016	1.497	44.991	18.0	F780	7712H	4B7712H	48.671	1.820	44.991	19.8	F781
1579D	4B1579D	48.016	1.497	44.991	18.0	F781	7712HX	4B7712HX	48.671	1.807	44.991	19.8	F781
1490H	4B1490H	48.016	1.490	44.991	18.0	F781	7732A	4B7732A	48.671	1.820	44.991	19.8	F810
1489HX	4B1489HX	48.016	1.480	44.991	16.0	F781	7770A	4B7770P	48.671	1.820	44.991	17.1	F810
1579	4B1579P	48.016	1.497	44.991	18.0	F780	7735A	4B7735A	48.671	1.822	44.991	19.8	F810
1489H	4B1489H	48.016	1.493	44.991	16.0	F781	7736A	4B7736A	48.671	1.821	44.991	22.5	F810
1490	4B1490P	48.016	1.493	44.991	18.0	F780	7770A	4B7770D	48.671	1.820	44.991	17.1	F810
1579D	6B1579D	48.016	1.497	44.991	18.0	F781	2796A	4B2796A	48.671	1.820	44.991	17.7	F810
1490	6B1490P	48.016	1.493	44.991	18.0	F780	7736H	4B7736H	48.671	1.821	44.991	22.5	F781
1156A	4B1156A	48.017	1.510	44.955	19.6	F810	7740	4B7740P	48.671	1.820	44.991	20.3	F780
1185H	4B1185H	48.019	1.488	44.996	21.1	F781	7770	4B7770P	48.671	1.820	44.991	17.1	F780
1185A	4B1185A	48.019	1.490	44.996	21.1	F810	8561A	4B8561A	49.000	1.506	45.945	16.5	F810
1185HX	4B1185HX	48.019	1.475	44.996	21.1	F781	1816	4B1816P	49.000	1.506	45.945	16.8	F780



Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1816A	4B1816A	49.000	1.506	45.945	16.8	F810	5534A	5B5534A	50.619	1.406	47.778	19.0	F810
1216A	4B1216A	49.012	1.500	45.984	19.1	F810		4B5534A	50.619	1.406	47.778	19.0	F810
1636A	5B1636A	49.016	1.506	45.970	19.0	F810	5534	6B5534P	50.619	1.406	47.778	19.0	F780
1636	4B1636P	49.016	1.506	45.970	19.0	F780		5B5534P	50.619	1.406	47.778	19.0	F780
	5B1636P	49.016	1.506	45.970	19.0	F780		4B5534P	50.619	1.406	47.778	19.0	F780
1636A	4B1636A	49.016	1.506	45.970	19.0	F810	1076A	4B1076A	50.619	1.406	47.778	19.0	F810
2902H	4B2902H	49.020	1.489	46.008	17.3	F781		5B1076A	50.619	1.406	47.778	19.0	F810
2902HX	4B2902HX	49.020	1.476	46.008	17.3	F781	1076	4B1076P	50.619	1.406	47.778	19.0	F780
5120AL	4B5120A	49.606	1.529	46.507	19.2	F820	7775A	4B7775A	50.674	1.818	46.991	17.0	F810
8716	4B8716P	49.614	1.813	45.965	19.9	F780	7775	4B7775P	50.674	1.818	46.991	17.0	F780
8721A	4B8721D	49.616	1.814		18.9	F810	2638A	4B2638A	50.686	1.500	47.645	20.0	F810
8721D	4B8721D	49.616	1.814		18.9	F780	5226A	4B1276A	50.909	1.487	47.909	19.4	F810
8721	4B8721P	49.616	1.814		18.9	F780	1846A	4B1846A	50.910	1.487	47.910	19.4	F810
8720A	4B8720A	49.616	1.814		18.9	F810	7171A	4B1635A	51.006	1.490	48.006	20.5	F810
8720	4B8720P	49.616	1.814		18.9	F780	2960H	4B2960H	51.013	1.503	47.974	17.1	F781
4135A	4B4135A	49.910	1.475	46.910	20.1	F810		6B2960H	51.013	1.503	47.974	17.1	F781
8050HX	4B8050HX	50.015	1.479	47.000	16.8	F781	2960	6B2960P	51.013	1.503	47.974	17.1	F780
8050H	4B8050H	50.015	1.492	47.000	16.8	F781	2960A	6B2960A	51.013	1.503	47.974	17.1	F810
8050A	4B8050A	50.015	1.492	47.000	16.8	F810	2960	4B2960P	51.013	1.503	47.974	17.1	F780
8479A	4B8479A	50.040	1.504	47.000	23.0	F810	2960A	4B2960A	51.013	1.503	47.974	17.1	F810
4390	4B4390P	50.045	1.505	47.000	16.3	F780	2960HX	4B2960HX	51.013	1.490	47.974	17.1	F781
4390A	4B4390A	50.045	1.505	47.000	16.3	F810	7190A	4B7190A	51.013	1.504	51.988	17.5	F810
4390H	4B4390H	50.045	1.503	47.000	16.3	F781	2960HX	6B2960HX	51.013	1.490	47.974	17.1	F781
4390HX	4B4390HX	50.045	1.491	47.000	16.3	F781	2976H	4B2976H	51.013	1.503	47.974	19.1	F781
7131A	4B1623A	50.206	1.590	47.010	20.3	F810	2976HX	4B2976HX	51.013	1.490	47.974	19.1	F781
5544A	4B5544P	50.612	1.406	47.778	17.2	F810	8300A	4B8300A	51.015	1.510	47.955	17.0	F810
5536	4B5536P	50.612	1.406	47.778	20.0	F780	8146A	6B8146A	51.016	1.512	47.955	17.0	F810
	5B5536D	50.612	1.406	47.778	20.0	F780	1293HX	4B1293HX	51.018	1.500	47.792	17.0	F781
	5B5536P	50.612	1.406	47.778	20.0	F780	8595A	4B8595A	51.018	1.502	47.972	17.0	F810
	4B5536D	50.612	1.406	47.778	20.0	F780	1293H	4B1293H	51.018	1.513	47.972	17.0	F781
5536D	4B5536D	50.612	1.406	47.778	20.0	F781	8320A	4B8320A	51.020	1.498	48.000	15.6	F810
	5B5536D	50.612	1.406	47.778	20.0	F781	8320H	4B8320H	51.020	1.498	48.000	15.6	F781
5537D	4B5537D	50.612	1.404	47.778	20.0	F781	8320HX	4B8320HX	51.020	1.485	48.000	15.6	F781
5539D	4B5539D	50.612	1.406	47.778	19.0	F781	1714A	4B1714A	51.020	1.494	48.000	18.9	F810
5537	3B5537D	50.612	1.403	47.778	20.0	F780	8411A	4B8411A	51.020	1.490	48.000	15.6	F810
5542A	4B5542A	50.612	1.406	47.778	17.2	F810	8411H	4B8411H	51.020	1.490	48.000	15.6	F781
5539	4B5539P	50.612	1.406	47.778	19.0	F780	8550A	4B8550A	51.020	1.510	48.000	16.7	F810
5544	4B5544P	50.612	1.406	47.778	17.2	F780	8281A	4B8281A	51.020	1.492	48.000	19.9	F810
5537D	3B5537D	50.612	1.404	47.778	20.0	F781	8411HX	4B8411HX	51.020	1.477	48.000	15.6	F781
5537	4B5537P	50.612	1.403	47.778	20.0	F780	8320	4B8320P	51.020	1.498	48.000	15.6	F780
	4B5537D	50.612	1.403	47.778	20.0	F780	1210A	6B1210A	51.020	1.495	48.000	15.0	F810
	3B5537P	50.612	1.403	47.778	20.0	F780	8040A	6B8040A	51.024	1.488	48.000	17.0	F810
5539	4B5539D	50.612	1.406	47.778	19.0	F780	1686A	4B1686A	51.024	1.488	48.000	19.8	F810
1609A	4B1609P	50.619	1.405	47.778	19.0	F810	1912	4B1912P	51.024	1.500	48.000	19.4	F780
5534A	6B5534A	50.619	1.406	47.778	19.0	F810	1936A	4B1936A	51.024	1.500	48.000	19.4	F810
1606A	4B1606A	50.619	1.405	47.778	19.0	F810	8366A	4B8366A	51.024	1.488	48.000	21.3	F810
1075	4B1075P	50.619	1.406	47.778	20.0	F780	1680A	4B1680A	51.024	1.490	48.000	17.1	F810
1606	4B1606P	50.619	1.405	47.778	19.0	F780	1972H	4B1972H	51.024	1.500	48.000	15.4	F781
	5B1606P	50.619	1.405	47.778	19.0	F780	1972HX	4B1972HX	51.024	1.487	48.000	15.4	F781
1606A	5B1606A	50.619	1.405	47.778	19.0	F810	1912HX	4B1912HX	51.024	1.483	48.000	19.4	F781
1606H	4B1606H	50.619	1.405	47.778	19.0	F781	8366HX	4B8366HX	51.024	1.475	48.000	21.3	F781
1609HX	4B1609HX	50.619	1.392	47.778	19.0	F781	1912H	4B1912H	51.024	1.496	48.000	19.4	F781
1609	4B1609P	50.619	1.405	47.778	19.0	F780	8360A	4B8360A	51.024	1.488	48.000	20.5	F810
1609H	4B1609H	50.619	1.405	47.778	19.0	F781	1972	4B1972P	51.024	1.492	48.000	15.4	F780
1075A	4B1075A	50.619	1.406	47.778	20.0	F810	8366	4B8366P	51.024	1.488	48.000	21.3	F780
1076	5B1076P	50.619	1.406	47.778	19.0	F780	8366H	4B8366H	51.024	1.488	48.000	21.3	F781
1615A	4B1615A	50.619	1.405	47.778	18.5	F810	8520A	4B1647A	51.186	1.581	47.998	18.3	F810
1606HX	4B1606HX	50.619	1.392	47.778	19.0	F781	8516A	4B1388A	51.191	1.580	47.998	22.8	F810



Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1430AL	4B1430A	51.346	1.824	47.661	16.9	F820	8717	4B8717P	51.619	1.815	47.965	20.0	F780
2406A	4B2406A	51.346	1.837	47.638	17.6	F810	8706	8B8706P	51.619	1.810	47.965	21.8	F780
	6B2406A	51.346	1.837	47.638	17.6	F810	8705	8B8705P	51.619	1.810	47.965	22.0	F780
1430AL	6B1430A	51.346	1.824	47.661	16.9	F820	8700D	1B8700D	51.619	1.812	47.965	21.8	F781
1891	4B1891P	51.346	1.824	47.661	25.5	F780	2510	4B2510P	51.619	1.810	47.965	22.0	F780
1022A	4B1022A	51.346	1.540	48.244	19.5	F810	8700D	6B8700D	51.619	1.812	47.965	21.8	F781
2405	1B2406P	51.346	1.839	47.638	17.6	F780		5B8700D	51.619	1.812	47.965	21.8	F781
1023A	4B1023A	51.346	1.530	48.244	19.5	F810		4B8700D	51.619	1.812	47.965	21.8	F781
2881	6B2881P	51.346	1.845	47.643	19.2	F780	7849A	4B7849A	51.625	1.800	47.991	20.7	F810
2250	4B2250	51.346	1.816	47.660	20.1	F780	7849	4B7849P	51.625	1.800	47.991	20.7	F780
2636A	4B2636A	51.346	1.824	47.661	22.1	F810	7845	4B7845P	51.625	1.803	47.991	20.7	F780
1048A	4B1048A	51.366	1.543	48.244	19.1	F810	9921A	4B9921A	51.684	1.824	48.006	18.3	F810
1048	5B1048P	51.366	1.543	48.244	19.1	F780	9955	4B9955	51.918	1.328	49.238	27.9	F23
	4B1048P	51.366	1.543	48.244	19.1	F780	1881A	4B1881A	51.985	1.510	48.937	22.0	F810
1048A	5B1048A	51.366	1.543	48.244	19.1	F810	2821A	4B2821A	52.000	1.513	48.940	22.0	F810
2380HX	6B2380HX	51.440	1.559	48.260	18.3	F781	2815A	4B2815A	52.000	1.510	48.940	21.6	F810
2380	4B2380P	51.440	1.575	48.260	18.3	F780	8560A	4B8560A	52.000	1.505	48.940	22.1	F810
	6B2380	51.440	1.575	48.260	18.3	F780	2816A	4B2816A	52.000	1.513	48.940	22.1	F810
2380H	6B2380H	51.440	1.572	48.260	18.3	F781	1820A	4B1820A	52.005	1.510	48.940	22.0	F810
7820A	4B7820A	51.600	1.768	48.020	20.5	F810	1486A	4B1486A	52.010	1.989	47.991	20.0	F810
7820HX	4B7820HX	51.600	1.755	48.020	20.5	F781	1506	6B1506P	52.010	1.993	47.991	20.0	F780
7820H	4B7820H	51.600	1.768	48.020	20.5	F781	1486A	6B1486A	52.010	1.989	47.991	20.0	F810
8101A	4B8101A	51.600	1.768	48.018	21.8	F810	1506	4B1506P	52.010	1.993	47.991	20.0	F780
7816	4B7816P	51.606	1.776	48.020	20.3	F780	2320	4B2320P	52.012	1.500	48.987	19.3	F780
7816A	4B7816A	51.606	1.776	48.020	20.3	F810	2322A	4B2322A	52.012	1.500	48.987	19.3	F810
	4B7816P	51.606	1.776	48.020	20.3	F810	2322HX	4B2322HX	52.012	1.485	48.987	19.3	F781
1706	4B1706P	51.613	1.805	47.960	21.0	F780	2420A	6B2420A	52.012	1.500	48.987	16.3	F810
8741A	6B8741D	51.619	1.812	47.965	21.8	F810	2322H	4B2322H	52.012	1.498	48.987	19.3	F781
8741	5B8741P	51.619	1.812	47.965	21.8	F780	5290D	4B5290D	52.012	1.500	48.990	20.3	F781
	4B8741P	51.619	1.812	47.965	21.8	F780	2410	4B2410P	52.012	1.484	48.987	19.3	F780
	6B8741P	51.619	1.812	47.965	21.8	F780		4B2410P	52.012	1.510	48.987	19.3	F780
2876	6B2876P	51.619	1.803	47.965	24.1	F780	2326	4B2326P	52.012	1.500	48.987	19.3	F780
8741A	4B8741D	51.619	1.812	47.965	21.8	F810	5291A	4B5290D	52.012	1.500	48.990	20.3	F810
8741D	6B8741D	51.619	1.812	47.965	21.8	F781	2320A	4B2320A	52.012	1.500	48.987	19.3	F810
8741A	5B8741D	51.619	1.812	47.965	21.8	F810	5291	4B5290P	52.012	1.500	48.990	20.3	F780
8741D	4B8741D	51.619	1.812	47.965	21.8	F781	5290	4B5290P	52.012	1.500	48.990	20.3	F780
	5B8741D	51.619	1.812	47.965	21.8	F781	1458	8B1458P	52.013	1.997	47.991	17.0	F780
8734	6B8734P	51.619	1.803	47.960	24.1	F780	8330A	4B8330A	52.013	1.511	48.955	18.1	F810
8740A	5B8740A	51.619	1.812	47.965	21.8	F810	1506	4B1506P	52.014	1.976	47.991	20.0	F780
	4B8740A	51.619	1.812	47.965	21.8	F810		6B1506P	52.014	1.976	47.991	20.0	F780
	6B8740A	51.619	1.812	47.965	21.8	F810	2726	4B2726P	52.014	1.491	49.004	24.0	F780
8700	1B8700P	51.619	1.812	47.965	21.8	F780	2726H	4B2726H	52.014	1.486	49.004	24.0	F781
8700A	6B8700D	51.619	1.812	47.965	21.8	F810	1568HX	4B1568HX	52.015	1.980	47.991	20.0	F781
	5B8700P	51.619	1.812	47.965	21.8	F810	1568H	4B1568H	52.015	1.993	47.991	20.0	F781
	5B8700D	51.619	1.812	47.965	21.8	F810	1660	4B1660P	52.020	1.495	48.990	21.7	F780
	4B8700P	51.619	1.812	47.965	21.8	F810	1667A	4B1667A	52.020	1.495	48.990	21.7	F810
	4B8700D	51.619	1.812	47.965	21.8	F810	4376A	4B4376A	52.020	1.490	48.990	20.5	F810
	1B8700P	51.619	1.812	47.965	21.8	F810	2296A	4B2296A	52.134	1.542	49.014	20.3	F810
	6B8700P	51.619	1.812	47.965	21.8	F810	2450	4B2450P	52.812	1.390	49.995	20.1	F780
8700	6B8700P	51.619	1.812	47.965	21.8	F780	5216A	4B603A	52.908	1.835	49.212	22.4	F810
	5B8700P	51.619	1.812	47.965	21.8	F780	5216	4B603P	52.908	1.835	49.212	22.4	F780
	4B8700P	51.619	1.812	47.965	21.8	F780	5216HX	4B603HX	52.908	1.817	49.212	22.4	F781
2526	4B2526P	51.619	1.814	47.965	21.8	F780	5216H	4B603H	52.908	1.830	49.212	22.4	F781
	5B2526P	51.619	1.814	47.965	21.8	F780	1060H	4B1060H	52.940	1.840	49.213	19.2	F781
2510	6B2510P	51.619	1.810	47.965	22.0	F780	1060HX	4B1060HX	52.940	1.827	49.213	19.2	F781
2526	6B2526P	51.619	1.814	47.965	21.8	F780	4360A	4B1269A	53.007	1.483	50.005	20.0	F810
2886	6B2886P	51.619	1.810	47.965	22.0	F780	4565A	4B4565A	53.007	1.483	50.025	20.1	F810
8700A	1B8700D	51.619	1.812	47.965	21.8	F810	2390H	6B2390H	53.011	1.503	49.974	17.1	F781



Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
2390HX	6B2390HX	53.011	1.490	49.974	17.1	F781	7747	4B7747P	53.708	1.838	50.000	20.0	F780
2390	6B2390P	53.011	1.506	49.974	17.1	F780	7746A	4B7746A	53.708	1.837	50.000	20.3	F810
2390A	6B2390A	53.011	1.506	49.974	17.1	F810	7716A	4B7716A	53.708	1.834	50.000	22.0	F810
1171A	4B1171A	53.013	1.506	49.975	22.1	F810	7702A	4B7702A	53.708	1.842	50.000	20.3	F810
	6B1171A	53.013	1.506	49.975	22.1	F810	2731A	4B2731A	53.708	1.842	50.000	29.0	F810
2930A	6B2930A	53.013	1.498	49.974	20.0	F810	7700A	4B7700A	53.708	1.836	50.000	20.3	F810
2736A	4B2736A	53.013	1.504	49.961	20.1	F810	7700	4B7700P	53.708	1.836	50.000	20.3	F780
2746A	4B2746A	53.013	1.508	49.974	20.0	F810	1670	4B1670P	53.708	1.830	50.000	20.0	F780
7880	5B7880P	53.013	1.496	50.000	19.5	F781	1685	4B1685P	53.708	1.838	50.000	20.0	F780
	4B7880P	53.013	1.496	50.000	19.5	F781	7722	4B7722P	53.708	1.843	50.000	22.0	F780
8570A	4B8570A	53.013	1.498	49.974	20.1	F810	5538D	5B5538D	53.712	1.404	50.878	20.4	F781
7880	6B7880P	53.013	1.496	50.000	19.5	F781		4B5538D	53.712	1.404	50.878	20.4	F781
1497H	6B1497H	53.015	1.993	48.991	18.0	F781	5538	5B5538P	53.712	1.404	50.878	20.4	F780
1515H	6B1515H	53.015	1.493	49.991	18.0	F781		5B5538D	53.712	1.404	50.878	20.4	F780
1569H	6B1569H	53.015	1.993	48.991	16.0	F781		4B5538P	53.712	1.404	50.878	20.4	F780
1515HX	6B1515HX	53.015	1.480	49.991	18.0	F781		4B5538D	53.712	1.404	50.878	20.4	F780
1569HX	6B1569HX	53.015	1.980	48.991	16.0	F781	2830	5B2830P	53.909	1.537	50.805	19.5	F780
1497HX	6B1497HX	53.015	1.980	48.991	18.0	F781		4B2830P	53.909	1.537	50.805	19.5	F780
8306A	4B8306A	53.018	1.490	50.000	16.1	F810		1B2830P	53.909	1.537	50.805	19.5	F780
	6B8306A	53.018	1.490	50.000	16.1	F810	1049A	4B1049A	53.910	1.537	50.805	19.5	F810
1140HX	6B1140HX	53.020	1.478	50.000	15.5	F781	2840A	4B2840A	53.910	1.537	50.807	19.5	F810
1140H	6B1140H	53.020	1.491	50.000	15.5	F781	2822	5B2822P	53.913	1.534	50.807	19.5	F780
1435A	4B1435A	53.020	1.502	50.000	22.0	F810	2825A	4B2825A	53.913	1.536	50.802	19.5	F810
1140A	6B1140A	53.020	1.491	50.000	15.5	F810	2904H	4B2904H	53.913	1.536	50.807	19.5	F781
1155A	4B1155A	53.020	1.510	49.955	20.9	F820	2822A	5B2822A	53.913	1.534	50.807	19.5	F810
8310	4B8310P	53.024	1.504	50.000	15.5	F780		4B2822A	53.913	1.534	50.807	19.5	F810
8310H	4B8310H	53.024	1.504	50.000	15.6	F781	2872	4B2872P	53.913	1.536	50.807	19.5	F780
8310HX	4B8310HX	53.024	1.491	50.000	17.0	F781	2822	4B2822P	53.913	1.534	50.807	19.5	F780
1691A	4B1691A	53.030	1.488	50.000	27.0	F810	2904HX	4B2904HX	53.913	1.523	50.807	19.5	F781
4395A	6B4395A	53.035	1.501	49.990	18.0	F810	2819	4B2819P	53.913	1.534	50.805	19.5	F780
8170H	4B8170H	53.045	1.500	50.000	17.0	F781		5B2819P	53.913	1.534	50.805	19.5	F780
8170A	4B8170A	53.045	1.500	50.000	17.0	F810	2872	4B2872P	53.919	1.536	50.807	19.5	F780
8170HX	4B8170HX	53.045	1.487	50.000	17.0	F781	2872A	4B2872A	53.919	1.536	50.807	19.5	F810
5546A	6B5546A	53.200	1.606	49.958	17.0	F810	2226A	8B610A	53.980	1.570	50.813	18.8	F810
8407A	4B8407A	53.500	1.480	50.500	21.1	F810	2370H	8B745H	53.980	1.577	50.800	21.4	F781
8391A	4B8391A	53.520	1.482	50.500	23.1	F810		8B745HD	53.980	1.577	50.800	21.4	F781
8395A	4B8395A	53.520	1.482	50.500	23.1	F810	2226A	6B610A	53.980	1.570	50.813	18.8	F810
8486A	4B8486A	53.520	1.478	50.500	20.4	F810	2370	8B745P	53.980	1.577	50.800	21.4	F780
8371A	4B8371A	53.524	1.482	50.500	18.9	F810	2370HXD	8B745HXD	53.980	1.564	50.800	21.4	F781
8370A	4B8370A	53.524	1.482	50.500	23.7	F810	2370A	8B745A	53.980	1.577	50.800	21.4	F810
1395	4B1395P	53.616	1.797	49.997	17.6	F780	2370HD	8B745HD	53.980	1.577	50.800	21.4	F781
	6B1395P	53.616	1.797	49.997	17.6	F780	2370HX	8B745HX	53.980	1.564	50.800	21.4	F781
1516	6B1516D	53.619	1.803	49.991	18.3	F780	2370A	4B745A	53.980	1.577	50.800	21.4	F810
1516D	6B1516D	53.619	1.803	49.991	18.3	F781		6B745A	53.980	1.577	50.800	21.4	F810
1516	6B1516P	53.619	1.803	49.991	18.3	F780	2370HX	8B745HXD	53.980	1.564	50.800	21.4	F781
	4B1516P	53.619	1.803	49.991	18.3	F780	2226A	4B610A	53.980	1.570	50.813	18.8	F810
	4B1516D	53.619	1.803	49.991	18.3	F780	7116A	6B1238A	53.988	1.575	50.785	18.3	F810
1516D	4B1516D	53.619	1.803	49.991	18.3	F781	2430	6B2430P	53.993	1.576	50.800	20.8	F780
7891A	4B7891A	53.673	1.814	49.990	23.4	F810	7206A	8B7206A	54.005	1.491	51.003	16.6	F810
7730A	4B7730A	53.708	1.830	50.000	20.1	F810	7210A	8B7210A	54.005	1.491	51.003	16.6	F810
7700H	4B7700H	53.708	1.834	50.000	20.3	F781	2130A	4B2130A	54.017	1.510	50.955	21.1	F810
1062A	4B1062A	53.708	1.836	50.000	17.8	F810	1041	6B1041P	54.018	3.005	47.960	24.1	F780
1063A	4B1063A	53.708	1.836	50.000	17.8	F810	1037	4B1037P	54.019	2.006	49.960	28.1	F780
1110	4B1110P	53.708	1.836	50.000	23.4	F780	8143A	4B8143A	54.020	1.510	50.955	21.1	F810
1110H	4B1110H	53.708	1.836	50.000	23.4	F781	8140A	4B8140A	54.027	1.510	50.955	21.1	F810
7747D	4B7747D	53.708	1.838	50.000	20.0	F781	9092A	8B7210AO/S2	54.055	1.641	51.003	16.6	F810
7747A	4B7747P	53.708	1.838	50.000	20.0	F810	8428A	4B8428A	54.515	1.490		17.0	F810
	4B7747D	53.708	1.838	50.000	20.0	F810	1030A	4B1030A	54.521	1.835	50.800	22.4	F810



Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1346	4B1346P	54.521	1.862	50.762	23.7	F780	1890A	4B1890A	56.000	1.513	52.931	25.8	F810
1236HX	4B1236HX	55.010	1.487	51.972	17.0	F781	2948A	4B2948A	56.010	1.513	52.926	26.1	F810
1236H	4B1236H	55.010	1.500	51.972	17.0	F781	2260A	4B2260A	56.016	1.487	53.000	25.1	F810
1370	4B1370P	55.011	1.450	51.986	19.7	F780		4B2260P	56.016	1.487	53.000	25.1	F810
	6B1370P	55.011	1.450	51.986	19.7	F780	2260	4B2260P	56.016	1.487	53.000	25.1	F780
1370A	6B1370A	55.011	1.450	51.986	19.7	F810	1626A	4B1626A	56.017	1.510	52.954	22.0	F810
	4B1370A	55.011	1.450	51.986	19.7	F810	1151A	4B1151A	56.017	1.510	52.954	22.0	F810
5286	4B5286P	55.012	1.499	51.987	19.6	F780	2010	4B2010P	56.019	1.988	52.000	20.3	F780
2640	6B2640P	55.013	1.502	51.975	17.0	F780	2010H	4B2010H	56.019	1.988	52.000	20.3	F781
2640A	6B2640A	55.013	1.502	51.975	17.0	F810	7805A	4B7805A	56.019	1.842	52.286	18.8	F810
2640H	6B2640H	55.013	1.502	51.975	17.0	F781	8149A	6B8149A	56.020	1.511	52.955	17.0	F810
2640HX	6B2640HX	55.013	1.489	51.975	17.0	F781	8419A	4B8419A	56.020	1.493	53.002	15.6	F810
2751A	4B2751A	55.013	1.501	51.973	24.1	F810	1730A	4B1730A	56.020	1.485	53.000	25.9	F810
2626A	4B2626A	55.013	1.503	51.974	23.1	F810	1994	6B1994P	56.020	1.510	53.000	1.5	F780
1141A	4B1141A	55.019	1.488	52.000	22.1	F810	8466A	6B8466A	56.020	1.490	53.000	15.0	F810
4370	4B4370P	55.020	1.470	52.000	20.0	F780	8381A	6B8381A	56.020	1.484	53.000	16.0	F810
8296HX	4B8296HX	55.020	1.487	52.000	16.5	F781	8420A	4B8420A	56.020	1.493	53.002	15.6	F810
8296H	4B8296H	55.020	1.500	52.000	16.5	F781	1756A	4B1756A	56.020	1.510	52.955	20.8	F810
8296A	4B8296A	55.020	1.500	52.000	16.5	F810	7986A	6B7986A	56.020	1.495	53.000	22.1	F810
8296	4B8296P	55.020	1.500	52.000	16.5	F780	8350A	6B8350A	56.020	1.511	52.955	17.0	F810
5220A	4B943A	55.020	1.496	52.000	20.0	F810	8466H	6B8466H	56.020	1.490	53.000	15.0	F781
2166H	4B2166H	55.020	1.496	52.000	20.1	F781	8466HX	6B8466HX	56.020	1.477	53.000	15.0	F781
2166A	4B2166A	55.020	1.496	52.000	20.1	F810	1250A	4B1250A	56.021	1.496	53.000	25.1	F810
2166HX	4B2166HX	55.020	1.483	52.000	20.1	F781	1136A	4B1136A	56.021	1.493	53.000	25.1	F810
8091	8B8091P	55.024	1.496	51.999	19.5	F780	1701A	4B1701A	56.022	1.494	53.000	22.0	F810
8091H	8B8091H	55.024	1.496	51.999	19.5	F781	1726A	4B1726A	56.024	1.485	53.000	25.9	F810
8091HX	8B8091HX	55.024	1.483	51.999	19.5	F781	8414A	4B8414A	56.024	1.485	53.000	19.8	F810
8365A	4B8365A	55.024	1.493	52.000	20.5	F810	8376A	4B8376A	56.024	1.485	53.000	19.8	F810
1935A	6B1935A	55.025	1.503	52.000	17.5	F810	1480A	8B960A	56.096	1.425	53.226	21.3	F810
8172H	4B8172H	55.034	1.500	52.000	17.0	F781		6B960A	56.096	1.425	53.226	21.3	F810
8172HX	4B8172HX	55.034	1.487	52.000	17.0	F781		4B960A	56.096	1.425	53.226	21.3	F810
1170A	6B1170A	55.035	1.500	52.000	19.9	F810	2351	6B2351P	56.426	1.572	53.238	29.6	F780
1160A	6B1160A	55.035	1.499	52.000	19.9	F810	7170A	6B7170A	56.507	1.486	53.510	17.4	F810
8100	6B8100P	55.042	1.511	52.000	19.3	F780	2376HD	8B663HD	56.520	1.575	53.340	21.3	F781
8100HX	6B8100HX	55.042	1.493	52.000	19.3	F781	2376A	8B663A	56.520	1.575	53.340	21.3	F810
8100H	6B8100H	55.042	1.506	52.000	19.3	F781		6B663A	56.520	1.575	53.340	21.3	F810
8100A	6B8100A	55.042	1.511	52.000	19.3	F810	2376	8B663P	56.520	1.575	53.340	21.3	F780
2186A	4B984A	55.189	1.585	51.999	20.3	F810	2376H	8B663H	56.520	1.572	53.340	21.3	F781
2875	6B2875P	55.524	1.749	52.000	19.1	F780		8B663H	56.520	1.575	53.340	21.3	F781
8724	8B8724P	55.614	1.814	51.965	19.6	F780		8B663HD	56.520	1.575	53.340	21.3	F781
	6B8724P	55.614	1.814	51.965	19.6	F780	2376HX	8B663HX	56.520	1.559	53.340	21.3	F781
2516	4B2516P	55.619	1.805	51.965	26.0	F780		8B663HX	56.520	1.562	53.340	21.3	F781
2516A	4B2516A	55.619	1.805	51.965	26.0	F810		8B663HXD	56.520	1.559	53.340	21.3	F781
2515	5B2515P	55.619	1.805	51.965	26.0	F780		8B663HXD	56.520	1.562	53.340	21.3	F781
2515A	4B2515A	55.619	1.805	51.965	26.0	F810	2376HXD	8B663HXD	56.520	1.562	53.340	21.3	F781
8704	8B8704P	55.619	1.810	51.965	22.0	F780	7110A	6B1227A	56.520	1.575	53.340	18.1	F810
2515A	5B2515A	55.619	1.805	51.965	26.0	F810	7110H	8B1227H	56.520	1.575	53.340	18.0	F781
8736A	4B8736A	55.619	1.805	51.965	26.0	F810	7110HX	8B1227HX	56.520	1.562	53.340	18.0	F781
8730	6B8730P	55.619	1.803	51.968	26.0	F780	2376H	8B663HD	56.520	1.572	53.340	21.3	F781
8736A	5B8736A	55.619	1.805	51.965	26.0	F810	7848A	4B7848P	56.606	1.782	52.990	20.7	F810
2511	4B2511P	55.619	1.800	51.960	26.0	F780	7848	4B7848P	56.606	1.782	52.990	20.7	F780
2515	4B2515P	55.619	1.805	51.965	26.0	F780	1750A	4B1750A	56.696	1.833	53.000	28.6	F810
7886A	4B7886P	55.619	1.768	52.000	18.3	F810	2991	6B2991	56.731	1.849	52.987	24.8	F780
7886	4B7886P	55.619	1.768	52.000	19.3	F780	1841	4B1841P	56.731	1.842	53.000	24.8	F780
1366A	4B1366A	56.000	1.513	52.926	26.0	F810	3068	4B3068	56.731	1.848	53.000	24.8	F23
1320A	4B1320A	56.000	1.515	52.930	22.5	F810	5530A	5B5530A	56.819	1.404	53.978	17.0	F810
8575A	4B8575A	56.000	1.493		25.1	F810		6B5530A	56.819	1.404	53.978	17.0	F810
1890	4B1890P	56.000	1.513	52.931	25.8	F780	5530H	6B5530H	56.819	1.404	53.978	17.0	F781



Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
5530HX	6B5530HX	56.819	1.391	53.978	17.0	F781	3063A	4B3063A	57.695	1.826	53.990	22.5	F810
7971A	6B7971A	56.820	1.380	54.000	32.9	F810	7755	4B7755P	57.695	1.823	54.000	22.7	F780
1656A	6B723A	56.840	1.407	54.000	16.5	F810	7755A	4B7755A	57.695	1.823	54.000	22.7	F810
5636A	10B1442A	56.886	1.928	53.002	21.0	F810	7760	4B7760P	57.695	1.823	54.000	22.7	F780
5636	8B1442P	56.886	1.928	53.002	21.0	F780	7760D	4B7760D	57.695	1.823	54.000	22.7	F781
5636A	8B1442A	56.886	1.928	53.002	21.0	F810	1531AL	4B1531A	57.696	1.835	54.000	19.2	F820
5636H	8B1442H	56.886	1.925	53.002	21.0	F781	9950	5B9950P	57.696	1.825	54.010	20.8	F780
5636HX	8B1442HX	56.886	1.912	53.002	21.0	F781		4B9950P	57.696	1.825	54.010	20.8	F780
2131HX	8B634HX	56.891	1.447	53.939	18.4	F781	2180A	6B699A	57.805	1.923	53.939	20.3	F810
7255A	8B7255A	56.891	1.925		21.9	F810	2451A	4B2451A	57.818	1.397	54.991	17.6	F810
2131	8B634P	56.891	1.458	53.939	18.4	F780	2456	4B2456P	57.818	1.389	54.996	20.1	F780
2150H	6B2150H	56.891	1.455	53.945	20.6	F781	2741	4B2741P	57.836	1.842	54.102	27.0	F780
2150A	6B2150A	56.891	1.458	53.945	20.6	F810		6B2741P	57.836	1.842	54.102	27.0	F780
	4B583A	56.891	1.458	53.945	20.6	F810	8240A	4B8240A	58.000	1.505	54.955	23.6	F810
2131A	8B634A	56.891	1.458	53.939	18.4	F810	8250	8B8250P	58.012	1.490	55.000	17.5	F781
2150	6B2150P	56.891	1.458	53.945	20.6	F780	2740	4B2740P	58.014	1.986	54.000	24.1	F780
5240A	4B1383A	56.891	1.458	53.950	20.6	F810		6B2740P	58.014	1.986	54.000	24.1	F780
2131H	8B634HD	56.891	1.460	53.939	18.4	F781	1180A	6B1180A	58.019	1.495	54.999	15.5	F810
2131HX	8B634HxD	56.891	1.447	53.939	18.4	F781	8493A	6B8493A	58.020	1.485	55.000	25.6	F810
2131H	8B634H	56.891	1.460	53.939	18.4	F781	8240	4B8240P	58.020	1.505	54.955	23.6	F780
2150HX	6B2150HX	56.891	1.442	53.945	20.6	F781	1800H	4B1800H	58.020	1.993	54.000	27.6	F781
2131HD	8B634HD	56.891	1.460	53.939	18.4	F781	1426A	4B1426A	58.020	1.487	54.980	27.6	F810
2131HXD	8B634HXD	56.891	1.447	53.939	18.4	F781	1360A	6B1360A	58.020	1.486	55.000	25.6	F810
1297A	4B1297A	57.000	1.497		25.1	F810	1361A	4B1361A	58.020	1.485	55.000	27.6	F810
1840A	6B1840A	57.000	1.513	53.937	17.1	F810		6B1361A	58.020	1.485	55.000	27.6	F810
2538	6B2538P	57.000	1.505	53.974	17.1	F780	8493A	4B8493A	58.020	1.485	55.000	25.6	F810
5502A	6B5502A	57.012	1.497	53.987	16.3	F810	1376A	6B1376A	58.020	1.486	55.000	25.6	F810
2990HX	8B2990HX	57.013	1.495	53.974	18.3	F781	1800	4B1800P	58.020	1.990	54.000	27.6	F780
2990H	8B2990H	57.013	1.508	53.974	18.3	F781	1995	6B1995P	58.020	1.510	55.000	14.5	F780
2990A	8B2990A	57.013	1.508	53.974	18.3	F810	1770	4B1770P	58.020	1.995	54.000	27.6	F780
2990	8B2990P	57.013	1.500	53.974	18.3	F780	8060A	6B8060A	58.024	1.488	55.000	17.0	F810
1902A	6B1902A	57.018	1.496	53.993	17.4	F810	8061A	6B8061A	58.024	1.488	55.000	17.0	F810
7280A	8B7280A	57.150	1.577	53.962	19.3	F810	1720A	4B1720A	58.024	1.486	55.000	26.0	F810
8500A	8B684A	57.150	1.572	53.970	21.1	F810	2986	4B2986P	58.045	1.499	55.000	31.0	F780
2356	8B2356P	57.160	1.575	53.975	19.8	F780	2980A	4B2980A	58.045	1.499	55.000	26.0	F810
2356H	8B2356H	57.160	1.572	53.975	19.8	F781	7260A	8B7260A	58.745	1.562	55.596	19.0	F810
2356HX	8B2356HX	57.160	1.559	53.975	19.8	F781	7750A	4B7750A	58.750	1.838	55.021	29.0	F810
2700H	1B481H	57.163	1.582	53.975	21.5	F781	4601A	6B606A	58.750	1.578	55.563	25.1	F820
	8B481H	57.163	1.582	53.975	21.5	F781	1214A	6B1214A	58.750	1.585	55.563	18.3	F810
2700A	8B481A	57.163	1.585	53.975	21.5	F810	9965	8B9965P	58.801	1.580	55.513	17.6	F780
2700	8B481P	57.163	1.585	53.975	21.5	F780	2500H	6B2500H	59.013		55.961	19.0	F781
	1B481P	57.163	1.585	53.975	21.5	F780		1B2500H	59.013		55.961	19.0	F781
2700HX	1B481HX	57.163	1.569	53.975	21.5	F781	8262A	6B8262A	59.024	1.492	56.000	16.0	F810
	8B481HX	57.163	1.569	53.975	21.5	F781	7100H	8B743H	59.060	1.572	55.880	22.6	F781
1387A	6B1387A	57.168	1.584	53.975	18.7	F810	7100A	8B743A	59.060	1.575	55.880	22.6	F810
5230A	6B1385A	57.170	1.567	54.003	19.3	F810	7100	8B743P	59.060	1.575	55.880	22.6	F780
7211HX	8B1808HX	57.219	1.572	54.008	18.8	F781	7100HD	8B743HD	59.060	1.572	55.880	22.6	F781
7211	8B1808P	57.219	1.590	54.008	20.1	F780	7100HX	8B743HX	59.060	1.559	55.880	22.6	F781
7211A	8B1808A	57.219	1.590	54.008	20.1	F810		8B743HXD	59.060	1.559	55.880	22.6	F781
7211H	8B1808H	57.219	1.585	54.008	18.8	F781	7100HXD	8B743HXD	59.060	1.559	55.880	22.6	F781
1090	1B1090P	57.582	1.798	53.955	23.3	F780	7100H	8B743HD	59.060	1.572	55.880	22.6	F781
	4B1090P	57.582	1.798	53.955	23.3	F780	2270H	6B2270H	59.636	1.798	56.008	18.6	F781
	3B1090P	57.582	1.798	53.955	23.3	F780	2270A	6B2270A	59.636	1.801	56.008	18.6	F810
5546	6B5546P	57.612	1.806	53.978	17.0	F780	2270HX	6B2270HX	59.636	1.785	56.008	18.6	F781
5568A	6B5568A	57.612	1.806	53.978	17.0	F810	2966	6B2966P	60.000	1.513	56.926	26.1	F780
3062A	4B3062A	57.685	1.826	54.005	24.5	F810	2966H	6B2966H	60.000	1.510	56.926	26.1	F781
3063	4B3063P	57.695	1.826	53.990	22.5	F780	2955	6B2955P	60.000	1.517	56.926	26.1	F780
7760	4B7760D	57.695	1.823	54.000	22.7	F780	2955A	6B2955A	60.000	1.517	56.926	26.1	F810



Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1131AL	4B1131A	70.409	1.842	66.675	31.1	F820
1861A	4B1861A	70.891	2.084	66.675	34.0	F810
	6B1861	70.891	2.084	66.675	34.0	F810
	6B1860	70.891	2.084	66.675	34.0	F810
1860AL	6B1860	70.891	2.084	66.675	34.0	F820
7270	1B7270P	73.010	1.981	69.012	21.1	F780
	8B7270P	73.010	1.981	69.012	21.1	F780
2330	6B2330P	73.622	1.862	69.837	35.1	F780
2336	6B2336P	73.622	1.862	69.837	35.1	F780
1121A	4B1121A	74.727	2.400	69.860	35.8	F810
1120	4B1120P	74.727	2.400	69.860	35.8	F780
1121A	3B1121P	74.727	2.400	69.860	35.8	F810
1120	6B1120P	74.727	2.400	69.860	35.8	F780
7271	8B7271P	76.012	1.981	72.014	21.1	F780
	1B7271P	76.012	1.981	72.014	21.1	F780
1854	4B1854P	78.000	2.517	72.922	30.4	F780
1839	6B1839P	78.000	2.517	72.922	30.4	F780
2716	6B2716P	84.000	2.012	79.910	41.0	F780



Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1992A	3M1992A	42.020	2.001	38.000	20.0	F810	2605A	4M2605A	51.019	3.030	44.965	16.0	F809
3160A	3M3161A	44.013	1.990	39.975	30.1	F810	8392A	5M8392A	51.036	2.000	47.000	16.0	F810
3161A	3M3161A	44.013	1.990	39.975	32.9	F810	9923A	5M9922A	51.600	1.789	48.000	17.5	F810
3159A	3M3161A	44.013	1.990	39.975	27.1	F810	9922A	5M9922A	51.600	1.789	48.000	17.5	F810
8584A	5M8584A	44.020	1.990	40.000	17.1	F810	3041A	5M3041A	51.718	1.841	48.000	19.0	F810
8355A	4M8355A	44.020	1.990	40.000	17.0	F810		5M3041A	51.718	1.848	48.000	19.0	F810
1989A	4M1989A	44.020	2.009	43.000	19.0	F810		5M3044A	51.718	1.841	48.000	19.0	F810
8584A	4M8584A	44.020	1.990	40.000	17.1	F810		5M3044A	51.718	1.848	48.000	19.0	F810
8318A	3M8318A	45.012	1.508	41.980	20.1	F810		5M3045A	51.718	1.841	48.000	19.0	F810
8326A	4M8326A	45.024	1.508	41.980	20.1	F810		5M3045A	51.718	1.848	48.000	19.0	F810
8329A	5M8329A	45.036	1.512	41.985	14.1	F810	3044A	5M3044A	51.718	1.848	48.000	24.0	F810
1258A	5M1259A	46.018	2.000		16.1	F810	3045A	5M3045A	51.718	1.848	48.000	24.2	F810
	5M1258A	46.018	2.000		16.1	F810	1020A	5M1020A	51.934	1.841	48.209	17.7	F810
1259A	5M1259A+2T	46.018	2.000		16.1	F810	1021A	5M1020A	51.934	1.841	48.209	25.3	F810
1258A	5M1258A+2T	46.018	2.000		16.1	F810	7869A	5M7868A	51.943	1.950	48.011	19.5	F810
	5M1259A+2T	46.018	2.000		16.1	F810	7868A	5M7868A	51.943	1.950	48.011	19.5	F810
1259A	5M1259A	46.018	2.000		16.1	F810	7864A	5M7864A	51.943	1.950	48.011	19.5	F810
1991A	3M1991A	46.020	2.001	42.000	20.0	F810	7865A	5M7865A	51.943	1.950	48.011	19.5	F810
8019A	4M8019A	46.020	1.994	42.000	16.0	F810	8594A	5M8594A	52.000	2.015		16.0	F810
8011A	4M8011A	46.024	1.990	42.000	19.5	F810	8458A	5M8458A	52.000	1.997		17.2	F810
	4M8009A	46.024	1.990	42.000	19.5	F810	1817A	5M1817A	52.000	2.006	47.938	15.5	F810
	3M8011A	46.024	1.990	42.000	19.5	F810	1869A	5M1869A	52.000	2.010	47.938	17.0	F810
8009A	4M8009A	46.024	1.990	42.000	19.5	F810	1853A	5M1853A	52.016	1.996	48.000	17.0	F810
8015A	3M8015A	46.024	1.990	42.000	19.5	F810	1857A	5M1857A	52.016	1.996	48.000	17.0	F810
1928A	5M1928A	47.020	2.007	43.000	20.0	F810	1857H	5M1857H	52.016	1.996	48.000	17.0	F780
8580A	3M8580A	47.020	1.990	43.000	19.4	F810	1857HX	5M1857HX	52.016	1.983	48.000	17.0	F780
8578A	3M8578A	47.020	1.990	43.000	19.4	F810	2635A	5M2635A	52.020	2.005	47.979	16.0	F810
7866A	5M7866A	47.625	1.795	44.010	18.8	F810	1124A	5M1124A	52.020	1.990	48.000	19.1	F810
7817A	5M7817A	47.625	1.798	44.010	18.8	F810	2918A	5M2918A	52.020	1.985	48.006	18.9	F810
3037A	5M3037A	47.718	1.848	44.000	19.0	F810	1737A	5M1737A	52.020	1.990	48.000	19.1	F810
3036A	5M3036A	47.718	1.841	44.000	19.0	F810	1704A	5M1704A	52.050	2.004	48.000	19.9	F810
8424A	4M8424A	48.000	1.995	44.000	14.9	F810	1695A	5M1695A	52.050	2.004	48.000	19.9	F810
1267A	5M1267A	48.018	1.993	44.000	17.1	F810	1695H	5M1695H	52.050	2.001	48.000	19.9	F780
	4M1267A	48.018	1.993	44.000	17.1	F810	1704A	5M1695A	52.050	2.004	48.000	19.9	F810
8542A	4M8542A	48.020	1.991	44.000	17.1	F810	1704H	5M1695H	52.050	2.001	48.000	19.9	F780
2203	3M3427P	48.171	1.829	44.475	27.1	F780	1704HX	5M1695HX	52.050	1.988	48.000	19.9	F780
	3M2203P	48.171	1.829	44.475	27.1	F780	1695HX	5M1695HX	52.050	1.988	48.000	19.9	F780
2202	3M2202P	48.171	1.834	44.475	30.2	F780	8025A	4M8025A	52.200	1.994	47.990	17.1	F810
3427	3M3427P	48.171	1.829	44.475	27.1	F780	5533A	5M5533A	53.010	2.508	47.978	18.5	F810
8444A	5M8444A	49.000	2.000	45.000	18.0	F810	1625A	5M1623A	53.667	1.827	49.964	18.1	F810
2665A	5M2665A	49.013	2.010	44.970	16.0	F810	1623A	5M1623A	53.667	1.827	49.964	22.1	F810
2769A	5M2769A	49.016	2.004	44.971	17.1	F810	2949A	5M2949A	53.668	1.835	49.964	16.1	F810
8337H	5M8337H	49.018	2.000	44.994	18.1	F780	2967A	5M2967A	53.670	1.831	49.964	22.1	F810
8337A	5M8337A	49.018	2.000	44.994	18.1	F810		3M2967A	53.670	1.831	49.964	22.1	F810
	4M8337A	49.018	2.000	44.994	18.1	F810	2969A	5M2967A	53.673	1.831	49.964	18.0	F810
8337HX	5M8337HX	49.018	1.987	44.994	18.0	F780	7708A	5M7708A	53.674	1.832	49.981	17.3	F810
8245A	4M8245A	49.020	2.003	45.000	18.1	F810	7773	5M7772A	53.674	1.833	49.981	19.9	F780
1932A	5M1932A	49.025	2.001	45.000	20.0	F810	7707A	5M7705A	53.674	1.832	49.981	17.3	F810
7904A	5M7904A	49.890	1.922	46.000	19.5	F810	7709A	5M7708A	53.674	1.832	49.981	17.3	F810
7905A	5M7904A	49.980	1.922	46.000	24.5	F810	7723A	5M7723A	53.674	1.832	49.981	17.3	F810
8426A	5M8426A	50.000	1.992	46.000	14.9	F810	7724A	5M7723A	53.674	1.832	49.981	17.3	F810
8214A	5M8214A	50.016	1.994	46.012	16.0	F810	7725A	5M7725A	53.674	1.832	49.981	17.3	F810
8226A	5M8226A	50.016	2.000	46.012	16.0	F810	7727A	5M7725A	53.674	1.832	49.981	17.3	F810
8438A	5M8438A	50.018	1.992	46.000	14.9	F810	7728A	5M7728A	53.674	1.832	49.981	17.3	F810
8126A	4M8126A	50.020	1.994	46.000	16.0	F810	7729A	5M7728A	53.674	1.832	49.981	17.3	F810
8184A	5M8184A	50.020	1.995	46.000	14.8	F810	7772	5M7772A	53.674	1.833	49.981	20.4	F780
8185A	5M8185A	50.020	1.995	46.000	14.8	F810	7705A	5M7705A	53.674	1.832	49.981	17.3	F810
8565A	5M8565A	50.020	1.991	46.029	16.1	F810	2797	5M2797P	53.731	1.854	49.981	17.3	F780



Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
2797H	5M2797H	53.731	1.854	49.981	17.3	F780	2894A	5M2894A	54.722	1.846		19.0	F810
2797HX	5M2797HX	53.731	1.841	49.981	17.3	F780		5M2895A	54.722	1.846		19.0	F810
2797A	5M2797A	53.731	1.854	49.981	17.3	F810	1424A	5M1424A	55.011	1.970	51.024	18.0	F810
2798HX	5M2797HX	53.731	1.841	49.981	17.3	F780		5M1429A	55.011	1.970	51.024	18.0	F810
2798	5M2797P	53.731	1.854	49.981	17.3	F780	7915A	5M7915A	55.011	1.888	51.181	29.4	F810
2798H	5M2797H	53.731	1.854	49.981	17.3	F780	7774A	5M7768A	55.892	1.924	51.976	24.7	F810
2798A	5M2797A	53.731	1.854	49.981	17.3	F810	7769A	5M7768A	55.892	1.924	51.976	18.7	F810
8342A	5M8342A	54.008	1.986	50.000	20.0	F810	7768A	5M7768A	55.892	1.924	51.976	18.7	F810
2425A	5M2425A	54.013	1.995	49.997	17.1	F810	1867A	5M1867A	55.989	2.009	51.938	17.1	F810
	4M2425A	54.013	1.995	49.997	17.1	F810	1819A	5M1819A	56.000	2.006	51.938	15.5	F810
8338A	4M8338A	54.018	1.991	50.000	17.1	F810	4342A	5M2028A	56.007	1.986	52.007	20.0	F810
8037A	5M8037A	54.018	1.991	50.000	19.1	F810	4372A	5M4372A	56.007	1.986	52.007	20.0	F810
8039A	5M8039A	54.018	1.991	50.000	19.1	F810	4342A	5M4372A	56.007	1.986	52.007	20.0	F810
8354H	5M8353H	54.018	2.013	49.956	17.6	F780	7191A	5M7191A	56.017	1.999	51.986	18.0	F810
8292A	3M8292A	54.018	2.008	49.969	21.3	F810	1295HX	5M1295HX	56.018	2.009	51.960	18.0	F780
8037H	5M8037H	54.018	1.991	50.000	19.1	F780	1237H	5M1237H	56.018	1.996	51.985	18.0	F780
8353H	5M8353H	54.018	2.013	49.956	17.6	F780	1237HX	5M1237HX	56.018	1.983	51.985	18.0	F780
8292A	3M8293A	54.018	2.008	49.969	21.3	F810	8596A	5M8596A	56.018	2.015	51.960	18.1	F810
8353HX	5M8353HX	54.018	2.000	49.956	17.6	F780	8443A	5M8443A	56.018	2.000	52.000	18.1	F810
8354A	5M8354A	54.018	2.013	49.956	17.6	F810	8443H	5M8443H	56.018	2.000	52.000	18.1	F780
8354HX	5M8353HX	54.018	2.000	49.956	17.6	F780	8443HX	5M8443HX	56.018	1.987	52.000	18.1	F780
8354A	5M8353A	54.018	2.013	49.956	17.6	F810	8339A	5M8339A	56.018	2.005	52.000	18.1	F810
8353A	5M8353A	54.018	2.013	49.956	17.6	F810	1295H	5M1295H	56.018	2.022	51.960	18.0	F780
1947A	5M1947A	54.020	2.004	50.000	20.0	F810	2905A	5M2905A	56.020	2.000	51.979	17.1	F810
8043A	3M8043A	54.020	1.985	50.000	22.1	F810	2905H	5M2905H	56.020	2.010	51.979	17.0	F780
1937A	5M1937A	54.020	2.004	50.000	20.0	F810	2905HX	5M2905HX	56.020	1.997	51.979	17.0	F780
1202A	5M1202A	54.020	1.994	49.992	18.1	F810	2933A	3M2932A	56.030	1.840	52.300	34.1	F810
8334A	5M8334A	54.020	2.012	49.954	19.0	F810	2932A	3M2932A	56.030	1.840	52.300	30.1	F810
8017A	5M8017A	54.020	1.996	50.000	18.1	F810	8480A	5M8480A	56.040	2.004	52.000	29.0	F810
1975A	4M1975A	54.020	1.999	50.000	20.0	F810	1633	5M1633P	56.667	1.830	52.964	20.0	F780
1979A	5M1979A	54.020	2.010	50.000	17.0	F810	1633H	5M1633H	56.667	1.827	52.964	20.0	F780
1202A	5M1218A	54.020	1.994	49.992	18.1	F810	1633A	5M1633A	56.667	1.830	52.964	20.0	F810
1952A	5M1952A	54.024	1.999	49.994	19.9	F810	1633HX	5M1633HX	56.667	1.814	52.964	20.0	F780
1103A	5M1103A	54.028	1.996	50.000	20.9	F810	2654A	4M2653A	56.672	1.821	52.975	19.1	F810
1102A	5M1103A	54.028	1.996	50.000	20.9	F810	2653A	4M2653A	56.672	1.821	52.975	25.6	F810
	5M1102A	54.028	1.996	50.000	20.9	F810	8572A	5M8572A	56.680	1.829	52.967	22.1	F810
7250A	5M7250A	54.039	3.012	48.001	16.1	F810	1054A	5M1053A	56.718	1.838	53.000	20.8	F810
	5M7253A	54.039	3.012	48.001	16.1	F810	1053A	5M1053A	56.718	1.843	53.000	20.8	F810
7251A	5M7250A	54.039	3.012	48.001	16.1	F810	2835A	5M2834A	56.735	1.843	53.010	24.3	F810
	5M7253A	54.039	3.012	48.001	16.1	F810	2908H	5M2908H	56.735	1.843	53.000	20.8	F780
8382A	5M8382A	54.041	2.000	50.000	16.0	F810	2908HX	5M2908HX	56.735	1.830	53.000	20.8	F780
8368A	5M8368A	54.060	2.008	50.000	18.0	F810	2909H	5M2908H	56.735	1.843	53.000	24.3	F780
1443AL	5M1442A	54.518	1.831	50.775	22.7	F820	2834A	5M2834A	56.736	1.843	53.010	20.8	F810
1442AL	5M1442A	54.518	1.831	50.775	20.1	F820	2826A	5M2826A	56.738	1.843	53.005	20.8	F820
1029A	5M1028A	54.520	1.849	50.800	22.8	F810	2827A	5M2826A	56.738	1.843	53.005	24.3	F820
1028A	5M1028A	54.520	1.849	50.800	20.3	F810	8511A	5M8511A	56.799	2.377	52.019	21.3	F810
2807A	3M2807A	54.521	1.837	50.808	20.6	F810	7733A	5M7733A	56.832	1.880	53.046	19.3	F810
2823A	3M2805A	54.521	1.837	50.808	22.8	F810	1233A	4M1233A	57.020	1.993	53.000	17.0	F810
4302	3M4302	54.521	1.835	50.825	35.1	F23	8173A	5M8174A	57.037	2.504	52.000	19.1	F810
2808A	3M2807A	54.521	1.837	50.808	22.8	F810	1939	4M1939P	57.150	1.829	53.429	45.4	F780
2204	3M2204P	54.521	1.829	50.825	25.5	F780	2255AL	5M2255A	57.696	1.816	54.026	19.6	F820
2805A	3M2805A	54.521	1.837	50.808	18.6	F810	1665A	5M1664A	57.696	1.836	53.990	22.2	F810
2804A	3M2805A	54.521	1.837	50.808	20.6	F810	2152	5M2152P	57.696	1.836	54.000	25.5	F780
2215A	3M2215A	54.521	1.836	50.825	31.1	F810	1664A	5M1664A	57.696	1.836	53.990	24.0	F810
2205	3M2205P	54.529	1.830	50.843	25.0	F780	2557	5M2557	57.696	1.824	54.000	20.7	F780
2637A	3M2637A	54.546	1.836	50.825	27.9	F810	2152H	5M2152H	57.696	1.831	54.000	25.5	F780
3086AL	4M3084A	54.661	1.918	50.762	25.3	F820	2152	3M2152P	57.696	1.836	54.000	25.5	F780
3084AL	4M3084A	54.661	1.918	50.762	32.1	F820	2152A	5M2152A	57.696	1.836	54.000	25.5	F810



Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1665A	5M1678A	57.696	1.836	53.990	22.2	F810	8412H	5M8412H	59.016	1.996	55.000	17.0	F780
4378A	5M4378A	57.696	1.840	53.990	18.3	F810	8294A	3M8294A	59.018	2.020	54.970	21.1	F810
2254AL	5M2255A	57.696	1.816	54.026	28.7	F820	8718A	5M8718A	59.019	2.004	54.975	20.0	F810
	3M2254A	57.696	1.816	54.026	28.7	F820	8719A	5M8719A	59.019	2.019	54.965	20.0	F810
4379A	5M4378A	57.696	1.840	53.990	24.0	F810	8722A	5M8722A	59.019	2.012	54.965	17.0	F810
1678A	5M1678A	57.696	1.836	53.990	22.2	F810	1644H	5M1644H	59.019	2.502	53.978	18.5	F780
1678WA	5M1678A	57.696	1.836	53.990	23.0	F810	1668A	5M1668A	59.019	2.508	53.978	18.5	F810
2152HX	5M2152HX	57.696	1.818	54.000	25.5	F780	1648HX	5M1644HX	59.019	2.489	53.978	18.5	F780
1374AL	3M1372A	58.013	1.982	54.020	22.5	F820	1648H	5M1644H	59.019	2.502	53.978	18.5	F780
1372AL	3M1372A	58.013	1.982	54.010	24.9	F820	1648A	5M1675A	59.019	2.502	53.978	18.5	F810
5122AL	3M5123A	58.014	1.994	54.000	25.6	F820		5M1654A	59.019	2.502	53.978	18.5	F810
5573A	3M5573A	58.016	1.497	54.990	26.0	F810		5M1653A	59.019	2.502	53.978	18.5	F810
1439A	5M1439A	58.658	1.835	54.955	32.0	F810		5M1648A	59.019	2.502	53.978	18.5	F810
1438A	5M1438A	58.658	1.830	54.975	27.0	F810		5M1645A	59.019	2.502	53.978	18.5	F810
2429HX	7M2428HX	58.658	1.814	54.975	20.0	F780		5M1644A	59.019	2.502	53.978	18.5	F810
1437A	5M1438A	58.658	1.835	54.955	19.1	F810		5M1643A	59.019	2.502	53.978	18.5	F810
2429A	7M2428A	58.658	1.825	54.975	20.0	F810	1644A	5M1644A	59.019	2.502	53.978	18.5	F810
2394A	7M2394A	58.658	1.830	54.975	19.1	F810	1648	5M1643P	59.019	2.502	53.978	18.5	F780
2394H	7M2394H	58.658	1.827	54.975	19.1	F780	2729A	5M2729A	59.019	1.990	55.001	20.8	F810
2429H	7M2428H	58.658	1.827	54.975	20.0	F780	1644A	5M1654A	59.019	2.502	53.978	18.5	F810
1174A	7M1172A	58.658	1.835	54.955	24.1	F810	1644HX	5M1644HX	59.019	2.489	53.978	18.5	F780
	5M1172A	58.658	1.835	54.955	24.1	F810	1644A	5M1653A	59.019	2.502	53.978	18.5	F810
1172A	5M1172A	58.658	1.835	54.955	26.1	F810		5M1645A	59.019	2.502	53.978	18.5	F810
1437A	5M1439A	58.658	1.835	54.955	19.1	F810	5552A	4M5552A	59.019	2.502	53.978	18.5	F810
2394HX	7M2394HX	58.658	1.814	54.975	19.1	F780	1669A	5M1668A	59.019	2.508	53.978	18.5	F810
2394	7M2394P	58.658	1.830	54.975	19.1	F780	5543A	5M5543A	59.019	2.512	53.978	17.0	F810
1172A	7M1172A	58.658	1.835	54.955	26.1	F810	1644A	5M1643A	59.019	2.502	53.978	18.5	F810
1225A	5M1224A	58.660	1.827	54.955	24.1	F810	1644	5M1654P	59.019	2.502	53.978	18.5	F780
1224A	5M1224A	58.660	1.827	54.955	26.1	F810		5M1653P	59.019	2.502	53.978	18.5	F780
7807HX	5M7807HX	58.744	1.932	54.795	18.5	F780		5M1643P	59.019	2.502	53.978	18.5	F780
7807H	5M7807H	58.744	1.945	54.795	18.5	F780	1648	5M1654P	59.019	2.502	53.978	18.5	F780
7807A	5M7807A	58.744	1.945	54.795	18.5	F810		5M1653P	59.019	2.502	53.978	18.5	F780
7875A	5M7875A	58.744	1.945	54.795	18.5	F810	1984A	5M1984A	59.020	1.998	55.000	20.0	F810
7808	5M7808P	58.744	1.945	54.795	18.5	F780	1944A	6M1944A	59.020	2.001	55.000	20.0	F810
7894A	5M7894A	58.750	1.888	54.920	29.4	F810	1957H	5M1957H	59.020	2.007	55.000	20.0	F780
2734A	5M2734A	58.750	1.842	55.009	30.0	F810	1957HX	5M1957HX	59.020	1.994	55.000	20.0	F780
8102A	5M8102A	58.750	1.950	54.813	20.5	F810	1959	5M1959P	59.020	2.007	55.000	20.0	F780
7909A	5M7909A	58.750	1.950	54.805	19.5	F810	1959A	5M1959A	59.020	2.002	55.000	20.0	F810
7899A	5M7899A	58.750	1.888	54.920	29.3	F810	1957	5M1957P	59.020	2.007	55.000	20.0	F780
2735A	5M2734A	58.750	1.842	55.009	22.0	F810	1959HX	5M1959HX	59.020	1.989	55.000	20.0	F780
7752A	5M7752A	58.750	1.835	55.009	30.0	F810	1957A	5M1957A	59.020	2.007	55.000	20.0	F810
2628A	5M2628A	58.968	1.981	54.979	20.0	F810	8271A	4M8271A	59.020	2.019	54.965	21.1	F810
2975HX	5M2975HX	58.968	1.967	54.980	19.1	F780	1909A	5M1909A	59.020	2.010	55.000	18.0	F810
2628A	5M2628A+2T	58.968	1.981	54.979	20.0	F810	1959H	5M1959H	59.020	2.002	55.000	20.0	F780
2629A	5M2628A	58.968	1.981	54.979	23.5	F810	8362H	5M8361H	59.038	1.995	55.000	23.0	F780
2975H	5M2975H	58.968	1.980	54.980	19.1	F780	8362A	5M8361A	59.038	1.995	55.000	23.0	F810
2964HX	5M2964HX	58.968	1.962	54.980	19.1	F780	8362HX	5M8361HX	59.038	1.982	55.000	23.0	F780
2964A	5M2964A	58.968	1.980	54.980	19.1	F810	8361HX	5M8361HX	59.038	1.987	55.000	19.2	F780
2629A	5M2628A+2T	58.968	1.981	54.979	23.5	F810	8361H	5M8361H	59.038	2.000	55.000	19.2	F780
2964	5M2964P	58.968	1.980	54.980	19.1	F780	8361A	5M8361A	59.038	2.000	55.000	19.2	F810
2964H	5M2964H	58.968	1.975	54.980	19.1	F780	8477A	7M8476A	59.040	2.000	55.000	19.2	F810
2818A	5M2817A	59.000	1.513	55.935	21.1	F810	8476A	7M8476A	59.040	2.000	55.000	22.2	F810
2817A	5M2817A	59.000	1.513	55.935	32.1	F810	8475A	7M8475A	59.040	2.000	55.000	22.2	F810
5540A	5M5540A	59.012	2.501	53.978	18.5	F810	8474A	7M8474A	59.040	2.000	55.000	19.2	F810
5540	5M5540P	59.012	2.501	53.978	18.5	F780		7M8475A	59.040	2.000	55.000	19.2	F810
1338A	5M1338A	59.013	2.001	54.985	19.5	F810	8727	3M8727P	59.520	2.260	54.960	29.1	F780
8412HX	5M8412HX	59.016	1.983	55.000	17.0	F780	8729	3M8727P	59.520	2.260	54.960	37.1	F780
8412A	5M8412A	59.016	1.996	55.000	17.0	F810	7898A	5M7894A	59.995	1.888	56.165	21.5	F810



Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
7898A	5M7915A	59.995	1.888	56.165	21.5	F810	1147A	5M1144A	61.020	1.990	57.000	23.0	F810
	5M7899A	59.995	1.888	56.165	21.5	F810		5M1238A	61.020	1.990	57.000	23.0	F810
1824A	5M1824A	60.000	2.008	55.932	21.8	F810		5M1238A	61.020	1.990	57.000	23.0	F780
1882A	5M1882A	60.000	2.011	55.932	21.8	F810		5M1217A	61.020	1.990	57.000	23.0	F810
1883A	5M1883A	60.000	2.011	55.932	21.8	F810	1144HX	5M1144HX	61.020	1.977	57.000	23.0	F780
2809A	5M2809A	60.000	2.008	55.932	21.9	F810	1147A	5M1217A	61.020	1.990	57.000	23.0	F780
1882A	5M1883A	60.000	2.011	55.932	21.8	F810		5M1144A	61.020	1.990	57.000	23.0	F780
7888A	5M7888P	60.011	1.988	56.000	19.5	F810		5M1147A	61.020	1.990	57.000	23.0	F780
7888	5M7888P	60.011	1.988	56.000	17.2	F780		5M1147A	61.020	1.990	57.000	23.0	F810
8335A	5M8335A	60.013	2.010	55.955	17.6	F810	1144H	5M1144H	61.020	1.990	57.000	23.0	F780
8302A	5M8302A	60.015	2.010	55.955	17.5	F810	1144A	5M1144A	61.020	1.990	57.000	23.0	F810
1548A	5M1548A	60.019	2.490	54.990	24.0	F810		5M1217A	61.020	1.990	57.000	23.0	F810
1549A	5M1548A	60.019	2.490	54.990	29.9	F810	1205A	5M1204A	61.020	1.994	56.992	21.0	F810
1397A	5M1397A	60.019	2.500		19.8	F810	8590A	5M8590A	61.020	2.003	57.000	20.6	F810
1518	7M1518P	60.019	2.498	54.990	18.8	F780	1204A	5M1204A	61.020	1.994	56.992	21.0	F810
	5M1518P	60.019	2.498	54.990	18.8	F780	1147HX	5M1144HX	61.020	1.977	57.000	23.0	F780
1397A	7M1397A	60.019	2.500		19.8	F810	8399A	5M8399A	61.020	1.990	57.000	22.0	F810
1398A	5M1397A	60.019	2.500		18.8	F810	1147H	5M1144H	61.020	1.990	57.000	23.0	F780
	7M1397A	60.019	2.500		18.8	F810	1186H	5M1219H	61.021	1.990	57.000	20.6	F780
1157A	5M1157A	60.020	2.009	55.955	20.1	F810	1186A	5M1213A	61.021	1.990	57.000	20.6	F810
1913H	5M1913H	60.020	2.504	55.000	20.0	F780	1186HX	5M1219HX	61.021	1.990	57.000	20.6	F780
1913HX	5M1913HX	60.020	2.491	55.000	20.0	F780		5M1186HX	61.021	1.990	57.000	20.6	F780
1158A	5M1157A	60.020	2.009	55.955	23.1	F810	1186A	5M1219A	61.021	1.990	57.000	20.6	F810
1913	5M1913P	60.020	2.504	55.000	20.0	F780		5M1228A	61.021	1.990	57.000	20.6	F810
1815A	5M1815A	60.636	1.805	57.000	18.5	F810	1186H	5M1186H	61.021	1.990	57.000	20.6	F780
	3M1815A	60.636	1.805	57.000	18.5	F810	1186A	5M1186A	61.021	1.990	57.000	20.6	F810
1649A	3M1649A	60.636	1.808	57.000	21.6	F810	8372A	5M8372A	61.024	1.990	57.000	22.0	F810
1657A	4M1657P	60.640	1.806	57.000	21.6	F810	8373A	5M8373A	61.024	1.990	57.000	20.0	F810
2167HX	5M2167HX	60.640	1.790	57.000	23.8	F780	1940	4M1939P	61.112	1.829	57.391	30.1	F780
2167H	5M2167H	60.640	1.803	57.000	23.8	F780	1694A	3M1692A	61.620	1.791	58.000	40.0	F810
1663A	4M2006A	60.640	1.806	57.000	21.6	F810	1693A	3M1692A	61.620	1.791	58.000	34.0	F810
1657A	4M860A	60.640	1.806	57.000	21.6	F810	1692A	3M1692A	61.620	1.791	58.000	30.0	F810
2167	5M2167P	60.640	1.799	57.000	23.8	F780	7850A	5M7850A	61.681	1.810	58.000	21.0	F810
1657A	4M2006A	60.640	1.806	57.000	21.6	F810	1941	4M1939P	61.900	1.829	58.179	30.2	F780
5221A	5M5466A	60.640	1.810	57.000	23.6	F810	2327A	5M2327A	62.013	1.995	57.995	19.5	F810
	5M1084A	60.640	1.810	57.000	23.6	F810	2413	5M2413P	62.013	1.995	57.995	19.5	F780
2167A	5M2167A	60.640	1.799	57.000	23.8	F810	2293AL	5M2293A	62.013	1.995	57.995	19.5	F820
4375A	5M4375A	60.640	1.810	56.990	23.6	F810	2327A	5M2329A	62.013	1.995	57.995	19.5	F810
9953A	5M9953A	60.719	1.835	57.010	22.6	F810	2294AL	5M2293A	62.013	1.995	57.995	25.9	F820
2384HX	7M2384HX	60.747	2.410	55.849	20.5	F780	2327A	5M2325A	62.013	1.995	57.995	19.5	F810
2384	7M2384P	60.747	2.426	55.849	20.5	F780	1342A	7M1342A	62.014	1.986	58.001	22.4	F810
2384H	7M2384H	60.747	2.423	55.849	20.5	F780		5M1342A	62.014	1.986	58.001	22.4	F810
1031A	3M1031A	60.846	1.836	57.112	31.9	F810	8307A	4M8307A	62.018	2.003	58.000	19.1	F810
1753A	5M1743A	60.907	2.428	56.030	24.1	F810		5M8307A	62.018	2.003	58.000	19.1	F810
1753HX	5M1743HX	60.907	2.410	56.030	24.1	F780	2015H	5M2015H	62.019	1.990	58.000	21.5	F780
1753H	5M1743H	60.907	2.423	56.030	24.1	F780	2018	5M2018P	62.019	1.988	58.000	21.5	F780
1753	5M1743P	60.907	2.428	56.030	24.1	F780	2015	5M2015P	62.019	1.990	58.000	21.5	F780
2126A	4M2126A	61.006	1.928	57.119	25.9	F810	1718A	5M1718A	62.020	1.992	58.000	20.8	F810
7178A	5M2009A	61.006	1.989	57.005	18.3	F810	1689A	5M1689A	62.024	1.991	58.000	20.8	F810
2126A	5M1629A	61.006	1.928	57.119	25.9	F810	8282A	5M8282A	62.024	1.990	58.000	20.8	F810
	7M2126A	61.006	1.928	57.119	25.9	F810	1715A	5M1715A	62.024	1.991	58.000	20.8	F810
	7M1389A	61.006	1.928	57.119	25.9	F810	2132	5M590P	62.027	2.438	57.125	22.5	F780
5224A	5M1629A	61.011	1.928	57.125	25.9	F810	2132A	5M590A	62.027	2.438	57.125	22.5	F810
	7M1389A	61.011	1.928	57.125	25.9	F810	2132H	5M590H	62.027	2.431	57.125	22.5	F780
5223A	5M1629A	61.011	1.928	57.125	25.9	F810	2132HX	5M590HX	62.027	2.418	57.125	22.5	F780
7897A	5M7894A	61.019	1.888	57.189	29.5	F810	2155A	5M2155A	62.300	2.138	58.000	22.5	F810
	5M7899A	61.019	1.888	57.189	29.5	F810	2155	5M2155P	62.300	2.138	58.000	22.5	F780
	5M7915A	61.019	1.888	57.189	29.5	F810	7193A	5M7193A	62.300	2.131	58.000	19.2	F810



Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
5236A	5M1706A	62.300	2.128	58.000	22.5	F810	2714	5M2698P	63.500	2.080	67.716	35.0	F780
5227A	5M1557A	62.300	2.138	58.001	22.5	F810	2714A	5M2698A	63.500	2.080	67.716	35.0	F810
5235A	5M1706A	62.300	2.128	58.000	21.5	F810	1177A	5M1176A	63.658	1.838	59.955	24.1	F810
2154A	5M2154A	62.300	2.138	58.000	22.5	F810	1179A	5M1176A	63.658	1.835	59.955	26.1	F810
7896A	5M7899A	62.403	1.888	58.573	21.5	F810	1176A	5M1176A	63.658	1.835	59.955	26.1	F810
	5M7915A	62.403	1.888	58.573	21.5	F810	1247A	5M1247A	63.668	1.835	59.955	22.1	F810
	5M7894A	62.403	1.888	58.573	21.5	F810	1248A	5M1247A	63.668	1.835	59.955	22.1	F810
2408	1M2407P	62.420	1.839	58.712	21.7	F780	1065A	3M1065A	63.673	1.841	59.957	23.4	F810
2407A	3M2407A	62.420	1.839	58.712	21.7	F810	1113H	5M1112H	63.675	1.829	59.972	18.4	F780
	4M2407A	62.420	1.839	58.712	21.7	F810	1113	5M1112P	63.675	1.829	59.972	18.4	F780
8702	7M8702P	62.519	2.265	57.965	17.5	F780	1112	5M1112P	63.675	1.829	59.972	25.5	F780
8702A	6M8702P	62.519	2.265	57.965	17.5	F810	1112H	5M1112H	63.675	1.829	59.972	25.5	F780
2873A	7M2873A	62.519	2.261	57.965	17.5	F810	2874	4M2874P	63.676	1.841	59.971	22.4	F780
8702A	6M8702D	62.519	2.265	57.965	17.5	F810	2885A	6M2885A	63.718	1.844	60.000	20.8	F810
2524A	5M2524A	62.519	2.261	57.965	21.4	F810		5M2885A	63.718	1.844	60.000	20.8	F810
2873A	6M2873A	62.519	2.261	57.965	17.5	F810	2884A	5M2884A	63.718	1.844	60.000	20.8	F810
	5M2873A	62.519	2.261	57.965	17.5	F810		1M2884A	63.718	1.844	60.000	20.8	F810
8702A	5M8702P	62.519	2.265	57.965	17.5	F810	7704A	5M7704A	63.727	1.845	60.000	20.3	F810
8702D	6M8702D	62.519	2.265	57.965	17.5	F781	7703A	5M7703A	63.727	1.845	60.000	20.3	F810
	7M8702D	62.519	2.265	57.965	17.5	F781	7744A	5M7744A	63.727	1.845	60.000	20.3	F810
	1M8702D	62.519	2.265	57.965	17.5	F781	7704A	5M7703A	63.727	1.845	60.000	20.3	F810
8702A	7M8702P	62.519	2.265	57.965	17.5	F810	7738A	5M7738A	63.727	1.844	60.000	21.0	F810
	1M8702D	62.519	2.265	57.965	17.5	F810	7743A	5M7743A	63.727	1.845	60.000	20.3	F810
8702	6M8702P	62.519	2.265	57.965	17.5	F780	7742A	5M7742A	63.727	1.845	60.000	20.3	F810
8702D	5M8702D	62.519	2.265	57.965	17.5	F781	7703A	5M7704A	63.727	1.845	60.000	20.3	F810
8702A	1M8702P	62.519	2.265	57.965	17.5	F810	7753A	5M7752A	63.750	1.837	60.021	24.0	F810
	7M8702D	62.519	2.265	57.965	17.5	F810	1677A	5M1677A	63.750	1.845	60.000	19.5	F810
8702	5M8702P	62.519	2.265	57.965	17.5	F780	2747A	5M2747A	63.972	1.835	59.975	19.0	F810
	1M8702P	62.519	2.265	57.965	17.5	F780	1194A	5M1193A	64.000	2.017	59.932	23.1	F810
8702A	5M8702D	62.519	2.265	57.965	17.5	F810	1188A	5M1188A	64.000	2.017	59.932	27.7	F810
1942	4M1939P	62.713	1.829	58.992	56.5	F780	1195A	5M1193A	64.000	2.013	59.932	38.1	F810
9958AL	3M9958A	62.992	1.836	59.286	44.6	F820	1194A	5M1188A	64.000	2.017	59.932	23.1	F810
1604A	6M1605A	63.019	2.502	57.978	18.5	F810	1892	5M1892A	64.000	2.004	59.930	23.0	F780
5549A	4M5549A	63.019	2.507	57.978	18.5	F810	1193A	5M1193A	64.000	2.013	59.932	31.1	F810
1604A	7M1604A	63.019	2.502	57.978	18.5	F810	1189A	5M1188A	64.000	2.017	59.932	28.9	F810
	6M1604A	63.019	2.502	57.978	18.5	F810	8562A	5M8562A	64.000	2.008	59.935	16.5	F810
1604	7M1605P	63.019	2.502	57.978	18.5	F780	4358A	5M1533A	64.008	1.976	60.013	21.5	F810
	7M1604P	63.019	2.502	57.978	18.5	F780	5558	6M5558P	64.010	3.003	57.978	18.5	F780
	6M1605P	63.019	2.502	57.978	18.5	F780	1707	5M1707P	64.013	2.005	59.962	21.0	F780
	6M1604P	63.019	2.502	57.978	18.5	F780	7312A	5M7313A	64.013	1.984	60.007	21.7	F810
1604A	7M1605A	63.019	2.502	57.978	18.5	F810	2633A	4M2633A+4T	64.017	2.140	59.975	20.1	F810
9957AL	3M9958A	63.246	1.963	59.286	46.2	F820	2633HX	4M2633HX	64.017	1.996	59.975	20.1	F780
7892A	5M7915A	63.246	1.888	59.416	29.5	F810	2633H	4M2633H	64.017	2.009	59.975	20.1	F780
	5M7899A	63.246	1.888	59.416	29.5	F810	2633A	4M2633A	64.017	2.140	59.975	20.1	F810
	5M7894A	63.246	1.888	59.416	29.5	F810	2633	4M2633P	64.017	2.140	59.975	20.1	F780
7132A	5M429A	63.287	2.426	58.402	20.5	F810	8138A	5M8138A	64.018	2.010	59.949	20.1	F810
2217AL	5M2217A	63.287	2.426	58.412	20.5	F820	8134A	5M8133A	64.019	2.014	59.955	19.1	F810
7132A	7M617A	63.287	2.426	58.402	20.5	F810	8732	7M8732P	64.019	2.006	59.970	22.0	F780
	5M1733A	63.287	2.426	58.402	20.5	F810	8134A	5M8142A	64.019	2.014	59.955	19.1	F810
	5M7157A	63.287	2.426	58.402	20.5	F810		5M8137A	64.019	2.014	59.955	19.1	F810
7245A	5M1050A	63.287	2.426	58.402	22.9	F810	8133A	5M8142A	64.019	2.014	59.955	19.1	F810
7132A	7M2392	63.287	2.426	58.402	20.5	F810	2134A	5M2134A	64.019	2.007	59.955	19.1	F810
7288A	5M7288A	63.287	2.426	58.402	20.5	F810	2135A	5M2134A	64.019	2.007	59.955	21.1	F810
7157A	5M7157A	63.287	2.426	58.402	20.5	F810	8133A	5M8133A	64.019	2.014	59.955	19.1	F810
7243A	5M1050A	63.287	2.426	58.402	20.5	F810	8134A	5M8134A	64.019	2.014	59.955	19.1	F810
2372H	5M429H	63.287	2.423	58.402	20.5	F780	1149A	4M1149A	64.020	1.991	60.000	18.1	F810
2372HX	5M429HX	63.287	2.410	58.402	20.5	F780	1149HX	4M1149HX	64.020	1.975	60.000	18.1	F780
9956AL	3M9958A	63.500	2.086	59.286	48.8	F820	8297	5M8297P	64.020	2.005	60.000	19.0	F780



Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1149H	4M1149H	64.020	1.988	60.000	18.1	F780	1507	7M1507P	65.019	2.490	59.990	24.0	F780
8297A	5M8309A	64.020	2.005	60.000	19.0	F810	1538A	5M1538A	65.019	2.490	59.990	20.0	F810
8297H	5M8297H	64.020	2.005	60.000	19.0	F780		7M1539A	65.019	2.490	59.990	20.0	F810
	5M8309H	64.020	2.005	60.000	19.0	F780	1588	7M1588P	65.019	2.502	59.990	20.0	F780
8297A	5M8297A	64.020	2.005	60.000	19.0	F810	2987A	3M2987A	65.040	2.489	60.000	28.0	F810
8297	5M8309P	64.020	2.005	60.000	19.0	F780	2989A	3M2987A	65.040	2.489	60.000	40.0	F810
8297HX	5M8297HX	64.020	1.992	60.000	19.0	F780	2988A	3M2987A	65.040	2.489	60.000	36.0	F810
8298A	5M8297A	64.020	2.005	60.000	15.1	F780	7232A	7M7232A	65.200	3.510		16.0	F810
1139A	5M1139A	64.020	1.990	60.000	25.1	F810	2185HX	5M1117HX	65.811	2.412	60.935	24.1	F780
8298H	5M8297H	64.020	2.005	60.000	15.1	F780	2158HX	7M2158HX	65.811	2.410	60.935	25.9	F780
1139A	5M1143A	64.020	1.990	60.000	25.1	F810	2158H	7M2158H	65.811	2.423	60.935	25.9	F780
8298H	5M8309H	64.020	2.005	60.000	15.1	F780	2158	7M2158P	65.811	2.426	60.935	25.9	F780
1134A	5M1143A	64.020	1.990	60.000	25.1	F810	2185	5M1117P	65.811	2.428	60.935	24.1	F780
8298	5M8297P	64.020	2.005	60.000	15.1	F780		7M979P	65.811	2.428	60.935	24.1	F780
8298HX	5M8297HX	64.020	1.992	60.000	15.1	F780	2185A	5M1117A	65.811	2.428	60.935	24.1	F810
8298A	5M8309A	64.020	2.005	60.000	15.1	F780	2185H	5M1117H	65.811	2.425	60.935	24.1	F780
1134A	5M1139A	64.020	1.990	60.000	25.1	F810	2188	7M2188P	65.811	2.426	60.935	24.6	F780
8298	5M8309P	64.020	2.005	60.000	15.1	F780	2194H	5M1117H	65.811	2.425	60.935	24.1	F780
8297HX	5M8309HX	64.020	1.992	60.000	19.0	F780	2194HX	5M1117HX	65.811	2.412	60.935	24.1	F780
8298HX	5M8309HX	64.020	1.992	60.000	15.1	F780	2185A	7M979A	65.811	2.428	60.935	24.1	F810
1433AL	5M1433A	64.021	1.807	60.371	20.9	F820	9952A	6M9952A	65.816	1.880	62.010	17.8	F810
6163	5M6162	64.021	1.835	60.312	19.3	F23	2357HX	5M2357HX	65.827	2.410	60.930	22.7	F780
6162	5M6162	64.021	1.835	60.312	35.1	F23	2357H	5M2357H	65.827	2.423	60.930	22.7	F780
8423A	5M8423A	64.022	1.995	60.000	21.0	F810	2357	5M2357	65.827	2.426	60.930	22.7	F780
1697A	5M1699A	64.024	2.000	60.000	22.0	F810		5M2354	65.827	2.426	60.930	22.7	F780
	5M1697A	64.024	2.000	60.000	22.0	F810	8379A	4M8379A	66.020	2.486	61.000	19.0	F810
	5M1705A	64.024	2.000	60.000	22.0	F810	1215A	4M1215A	66.020	2.003	62.000	17.0	F810
1705A	5M1705A	64.024	2.000	60.000	22.0	F810	8383A	4M8379A	66.020	2.486	61.000	22.3	F810
1703A	5M1703A	64.024	2.000	60.000	24.0	F810	8352A	4M8352A	66.020	2.012	61.955	18.1	F810
1697A	5M1703A	64.024	2.000	60.000	22.0	F810	1727A	5M1727A	66.020	1.986	62.000	27.6	F810
8378A	5M8378A	64.024	1.990	60.000	25.2	F810	8469A	4M8468A	66.020	2.497	61.000	18.0	F810
1699A	5M1699A	64.024	2.000	60.000	27.9	F810	8468A	4M8468A	66.020	2.497	61.000	21.0	F810
8377A	5M8378A	64.024	1.990	60.000	23.2	F810	1727A	5M1728A	66.020	1.986	62.000	27.6	F810
2985A	3M2984A	64.030	1.990	60.000	35.5	F810	1728A	5M1728A	66.020	1.986	62.000	27.6	F810
2977A	3M2977A	64.030	1.986	60.000	27.8	F810	8469HX	4M8468HX	66.020	2.484	61.000	18.0	F780
2979A	3M2977A	64.030	1.986	60.000	35.8	F810	8469H	4M8468H	66.020	2.497	61.000	18.0	F780
2984A	3M2984A	64.030	1.990	60.000	27.8	F810	8468HX	4M8468HX	66.020	2.484	61.000	21.0	F780
1166A	7M1165A	64.046	2.000	60.010	25.0	F810	8468H	4M8468H	66.020	2.497	61.000	21.0	F780
1164A	7M1164A	64.046	1.996	60.000	22.0	F810	8103	7M8103P	66.035	2.009	62.001	20.0	F780
1165A	7M1165A	64.046	2.000	60.010	22.0	F810	8104H	7M8103H	66.035	2.004	62.001	23.0	F780
7320A	5M2232A	64.081	4.036	56.007	19.8	F810	8103A	7M8103A	66.035	2.009	62.001	20.0	F810
8517A	5M2056A	64.798	2.376	60.023	20.0	F810	8103H	7M8103H	66.035	2.004	62.001	20.0	F780
5532A	6M5532A	65.010	2.501	59.978	17.0	F810	8103HX	7M8103HX	66.035	1.991	62.001	20.0	F780
5532HX	7M5532HX	65.010	2.488	59.978	17.0	F780	8104	7M8103P	66.035	2.009	62.001	23.0	F780
5532H	7M5532H	65.010	2.501	59.978	17.0	F780	8104A	7M8103A	66.035	2.009	62.001	23.0	F810
5532A	7M5532A	65.010	2.501	59.978	17.0	F810	8104HX	7M8103HX	66.035	1.991	62.001	23.0	F780
5556A	3M5556A	65.016	2.495	59.990	24.0	F810	1724A	5M1724A	66.645	1.835	62.955	19.0	F810
1538	7M1539P	65.019	2.490	59.990	20.0	F780	2778A	4M2780A	66.658	1.830	62.975	19.0	F810
1538HX	5M1538HX	65.019	2.475	59.990	20.0	F780	2757A	5M2757A	66.658	1.834	62.955	28.0	F810
1538H	5M1538H	65.019	2.488	59.990	20.0	F780	2778	4M2777P	66.658	1.830	62.975	19.0	F780
1538A	7M1532A	65.019	2.490	59.990	20.0	F810	2778A	4M2777A	66.658	1.830	62.975	19.0	F810
1538HX	7M1532HX	65.019	2.475	59.990	20.0	F780	2777A	4M2780A	66.658	1.821	62.975	22.5	F810
1538A	5M1532A	65.019	2.490	59.990	20.0	F810		4M2777A	66.658	1.821	62.975	22.5	F810
1538H	7M1532H	65.019	2.488	59.990	20.0	F780	2777	4M2777P	66.658	1.830	62.975	22.5	F780
1538	7M1532P	65.019	2.490	59.990	20.0	F780	2758A	5M2759A	66.658	1.834	62.955	22.0	F810
	5M1538P	65.019	2.490	59.990	20.0	F780		5M2749A	66.658	1.834	62.955	22.0	F810
	5M1532P	65.019	2.490	59.990	20.0	F780	2757A	5M2749A	66.658	1.834	62.955	28.0	F810
1507A	7M1507A	65.019	2.490	59.990	24.0	F810	2758A	5M2757A	66.658	1.834	62.955	22.0	F810



Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1298A	5M1298A	66.665	1.830		20.0	F810	1948A	4M7278A	68.013	1.983	64.013	17.7	F810
1299A	5M1298A	66.665	1.830		22.0	F810	7225A	4M2010A	68.014	1.983	64.013	24.5	F810
2739	4M2737P	66.672	1.830	62.974	22.5	F780	1183A	4M1183A	68.018	1.995	64.000	17.1	F810
2739A	4M2737A	66.672	1.830	62.974	22.5	F810	1142A	3M1142A	68.020	1.991	64.000	25.0	F810
2739H	4M2737H	66.672	1.830	62.974	22.5	F780	1934A	4M1934A	68.020	2.000	64.000	20.0	F810
2739HX	4M2737HX	66.672	1.817	62.974	22.5	F780	7263A	4M7262A	68.021	2.502	62.992	22.3	F810
2737A	4M2737A	66.672	1.830	62.974	19.0	F810	7262A	4M7262A	68.021	2.502	62.992	17.9	F810
2737	4M2737P	66.672	1.830	62.974	19.0	F780	8070A	4M8070A	68.028	1.993	64.000	20.0	F810
2737HX	4M2737HX	66.672	1.817	62.974	19.0	F780	8064A	4M8070A	68.028	1.993	64.000	22.0	F810
2737H	4M2737H	66.672	1.830	62.974	19.0	F780		4M8063A	68.028	1.993	64.000	22.0	F810
2627A	5M2627A	66.681	1.831	62.975	20.0	F810	8063A	4M8063A	68.028	1.993	64.000	20.0	F810
1094A	5M1091A	66.687	1.820	63.020	28.0	F810	1642AL+0	4M1642A+015	68.102	2.268	63.536	21.0	F820
	5M1093A	66.687	1.820	63.020	28.0	F810	7125A	5M1567A	68.273	2.423	63.383	21.0	F810
7803A	5M7803A	66.687	1.884	62.892	23.5	F810		5M1524A	68.273	2.423	63.383	21.0	F810
7804A	5M7804A	66.687	1.879	62.880	23.5	F810	7123A	5M7164A	68.273	2.423	63.383	18.7	F810
3284	3M3284	66.688	1.835	62.979	38.2	F23		5M7124A	68.273	2.423	63.383	18.7	F810
8148A	4M8147A	67.016	2.505	61.956	22.1	F810		5M1567A	68.273	2.423	63.383	18.7	F810
8147A	4M8147A	67.016	2.505	61.956	18.1	F810		5M1524A	68.273	2.423	63.383	18.7	F810
1627A	5M1627A	67.018	2.007	62.954	18.0	F810	9015A	4M960A	68.275	2.365	63.500	22.1	F810
1628A	5M1627A	67.018	2.007	62.954	24.0	F810	9019A	4M960A	68.275	2.365	63.500	22.1	F810
2727AL	5M2727A	67.018	1.996	63.000	20.8	F820	7285A	5M7285A	68.275	2.375	63.500	22.1	F810
2880	7M2880P	67.019	3.505	59.965	22.5	F780	7164A	5M7164A	68.275	2.423	63.383	20.8	F810
1168A	5M1167A	67.019	2.010	62.955	23.1	F810	7120A	4M1494A	68.275	2.426	63.363	31.7	F810
2887A	7M2880A	67.019	3.505	59.965	22.5	F810	7118A	4M1494A	68.275	2.426	63.363	18.9	F810
1042	4M2878P	67.019	3.502	59.965	24.1	F780	7117A	4M1494A	68.275	2.426	63.363	24.6	F810
	7M2878P	67.019	3.502	59.965	24.1	F780	7287A	5M7285A	68.275	2.375	63.500	22.1	F810
2887A	4M2887A	67.019	3.505	59.965	22.5	F810	2302A	4M2302A	68.275	2.374	63.495	22.1	F810
2887	7M2880P	67.019	3.505	59.965	22.5	F780	2299A	4M2022A	68.275	2.374	63.495	22.1	F810
2880A	7M2880A	67.019	3.505	59.965	22.5	F810		4M2299A	68.275	2.374	63.495	22.1	F810
2528	7M2527P	67.019	3.505	59.965	22.5	F780	2305H	4SM2222H	68.275	2.372	63.495	22.1	F780
2879	7M2878P	67.019	3.502	59.965	21.0	F780	2309HX	4SM2222HX	68.275	2.359	63.495	22.1	F780
2527A	7M2527A	67.019	3.505	59.965	22.5	F810	9016A	4M960A	68.275	2.365	63.500	22.1	F810
2527	7M2527P	67.019	3.505	59.965	22.5	F780	2299HX	4SM2222HX	68.275	2.359	63.495	22.1	F780
1167A	5M1167A	67.019	2.010	62.955	20.1	F810	2302	4M2333P	68.275	2.374	63.495	22.1	F780
2528A	7M2527A	67.019	3.505	59.965	22.5	F810	2309H	4SM2222H	68.275	2.372	63.495	22.1	F780
1757A	3M1757A	67.020	2.008	62.955	24.6	F810	2302	4M2334	68.275	2.374	63.495	22.1	F780
1759A	3M1757A	67.020	2.008	62.955	30.1	F810		4M2335P	68.275	2.374	63.495	22.1	F780
1093A	5M1093A	67.050	2.000	63.010	32.3	F810	2299	4M2335P	68.275	2.374	63.495	22.1	F780
1091A	5M1091A	67.050	2.000	63.010	28.3	F810	2302A	4M2299A	68.275	2.374	63.495	22.1	F810
2377A	4M1454A	67.094	2.426	62.212	20.5	F810	2299H	4SM2222H	68.275	2.372	63.495	22.1	F780
	5M909A	67.094	2.426	62.212	20.5	F810	2302A	4M2309A	68.275	2.374	63.495	22.1	F810
2377	5M909P	67.094	2.426	62.212	20.5	F780	2302H	4SM2222H	68.275	2.372	63.495	22.1	F780
2377HX	5M909HX	67.097	2.410	62.212	20.5	F780	2309A	4M2309A	68.275	2.374	63.495	22.1	F810
2377H	5M909H	67.097	2.423	62.212	20.5	F780	2302HX	4SM2222HX	68.275	2.359	63.495	22.1	F780
2742A	7M2742A	67.488	1.989	63.454	28.2	F810	2309A	4M2299A	68.275	2.374	63.495	22.1	F810
	5M2742A	67.488	1.989	63.454	28.2	F810	2305	4M2333P	68.275	2.374	63.495	22.1	F780
2742	5M2742P	67.488	1.989	63.454	28.2	F780	2305A	4M2302A	68.275	2.374	63.495	22.1	F810
	7M2742P	67.488	1.989	63.454	28.2	F780	2309A	4M2022A	68.275	2.374	63.495	22.1	F810
2699	5M2698P	67.716	2.080	63.500	24.4	F780	2309	4M2335P	68.275	2.374	63.495	22.1	F780
1348	5M1347P	67.716	2.083	63.512	23.4	F780		4M2334	68.275	2.374	63.495	22.1	F780
1347	5M1347P	67.716	2.083	63.512	23.4	F780	2305HX	4SM2222HX	68.275	2.359	63.495	22.1	F780
2692	3M2692P	67.716	2.098	63.500	25.6	F780	2302A	4M2022A	68.275	2.374	63.495	22.1	F810
2693	3M2692P	67.716	2.098	63.500	39.9	F780	8502A	5M805A	68.275	2.377	63.487	24.8	F810
2699A	5M2698A	67.716	2.080	63.500	24.4	F810	8504A	5M805A	68.275	2.377	63.487	41.4	F810
2695	5M2694P	67.716	2.098	63.500	35.1	F780	8505A	5M805A	68.275	2.377	63.487	24.8	F810
2694	5M2694P	67.716	2.098	63.500	24.6	F780		5M805A	68.275	2.377	63.487	24.8	F817
9966A	5M9966A	67.716	2.080	63.500	20.5	F810	2359	4M2362P	68.275	2.374	63.495	22.1	F780
1642AL	4M1642A	67.721	2.078	63.536	21.0	F820	2362	4M2362P	68.275	2.374	63.495	22.1	F780



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Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
2363	4M2362P	68.275	2.374	63.495	22.1	F780	2227	5M2227	69.068	2.131	64.770	20.5	F780
2307	5M2307P	68.367	2.426	63.470	20.5	F780	2277A	5M2276A	69.520	2.250		24.2	F810
2398	7M2398P	68.367	2.426	63.470	20.5	F780	2278A	5M2276A	69.520	2.250		23.3	F810
	5M2307P	68.367	2.426	63.470	20.5	F780	7298HX	5M7297HX	69.887	2.417	65.007	20.5	F780
2398H	7M2398H	68.367	2.423	63.470	20.5	F780	7298A	5M7297A	69.887	2.430	65.007	20.5	F810
2398HX	7M2398HX	68.367	2.410	63.470	20.5	F780		5M7298A	69.887	2.430	65.007	20.5	F810
8874A	5M1948A	68.377	2.421	63.487	25.0	F810	7298H	5M7297H	69.887	2.430	65.007	20.5	F780
7264A	5M7264A	68.377	2.438	63.470	23.2	F810	7298HX	5M7298HX	69.887	2.417	65.007	20.5	F780
8874A	7M8874A	68.377	2.421	63.487	25.0	F810	7298H	5M7298H	69.887	2.430	65.007	20.5	F780
8872A	7M8874A	68.377	2.421	63.487	25.0	F810	7216A	5M2220A	69.906	2.439	65.004	21.6	F810
	5M1568A	68.377	2.421	63.487	25.0	F810	7216HX	5M2220HX	69.906	2.421	65.004	21.1	F780
	5M1948A	68.377	2.421	63.487	25.0	F810	7216H	5M2220H	69.906	2.434	65.004	21.1	F780
	7M704A	68.377	2.421	63.487	25.0	F810	2505H	4M2505H	70.017		64.975	20.0	F780
4354A	5M1344A	68.402	2.436	63.513	33.7	F810		1M2505H	70.017		64.975	20.0	F780
4644AL	7M4644A	68.402	2.428	63.513	21.0	F820	5547	4M5547P	70.019	2.758	64.478	18.5	F780
4354A	4M1701A	68.402	2.436	63.513	33.7	F810	5548	4M5548P	70.019	2.508	64.978	18.5	F780
4352A	5M540A	68.402	2.436	63.513	22.3	F810	5569A	7M5569A	70.020	2.507	64.978	18.0	F810
	5M1344A	68.402	2.436	63.513	22.3	F810	8545A	4M8545A	70.020	2.496	65.000	19.1	F810
	4M1701A	68.402	2.436	63.513	22.3	F810	1137A	5M1252A	70.021	1.990	66.000	25.1	F810
4354A	5M540A	68.402	2.436	63.513	33.7	F810		5M1137A	70.021	1.990	66.000	25.1	F810
7214A	4M7214A	68.405	2.443	63.505	20.6	F810		5M1239A	70.021	1.990	66.000	25.1	F810
	4M7214A+2T	68.405	2.443	63.505	20.6	F810		5M1227A	70.021	1.990	66.000	25.1	F810
	5M7214A	68.405	2.443	63.505	20.6	F810	1252A	5M1252A	70.021	1.990	66.000	25.1	F810
	5M7214A+2T	68.405	2.443	63.505	20.6	F810	2882	7M2882P	70.371	1.844	66.675	28.7	F780
8713	5M8713P	68.499	2.254	63.965	17.0	F780	8397HX	7M8397HX	71.000	1.979	67.005	22.1	F780
8725A	5M8725A	68.519	2.263	63.965	19.0	F810	8397H	7M8397H	71.000	1.979	67.005	22.1	F780
8708	5M8708P	68.519	2.254	63.965	21.0	F780	8397A	7M8397A	71.018	1.980	67.005	22.1	F810
8725A	4M8725A	68.519	2.263	63.965	19.0	F810		6M8397A	71.018	1.980	67.005	22.1	F810
7756A	5M7756A	68.707	2.327	63.998	21.5	F810	8242A	5M8242A	71.020	2.005	66.955	22.6	F810
7765A	5M7765A	68.707	2.327	63.998	21.5	F810	2092	7M2092P	71.541	2.001	67.505	20.9	F780
5234A	4M1702A	68.903	2.435	64.003	27.0	F810	2092H	7M2092H	71.541	1.999	67.505	20.9	F780
5232A	4M1702A	68.903	2.435	64.003	18.7	F810	2092HX	7M2092HX	71.541	1.986	67.505	20.9	F780
5229A	4M1782A	68.910	2.548	63.764	21.8	F810	2092HXU	7M2092HX	71.541	1.986	67.505	20.9	F780
7294A	4M7295A	68.910	2.451	64.003	21.8	F810	2467A	5M876A	71.577	2.436	66.688	24.1	F810
7294WA	4M1782A	68.910	2.451	64.003	23.6	F810	3064A	5M3064A	71.705	2.317	67.050	28.7	F810
	4M7295A	68.910	2.451	64.003	23.6	F810	3065A	5M3065A	71.705	2.300	67.050	28.7	F810
7294A	4M1782A	68.910	2.451	64.003	21.8	F810	5288A	5M5287A	72.013	1.995	67.996	25.9	F810
2597	5M2597P	68.968	2.496	63.964	20.0	F780	5287A	5M5287A	72.013	1.995	67.996	19.5	F810
2599	5M2597P	68.968	2.496	63.964	21.3	F780	8092A	5M8092A	72.014	2.496	67.000	22.5	F810
2598	5M2597P	68.968	2.496	63.964	22.3	F780	8089HX	5M8088HX	72.014	2.478	67.000	19.5	F780
2995HX	5M2995HX	68.968	2.482	63.962	20.1	F780	8089H	5M8088H	72.014	2.491	67.000	19.5	F780
2995	5M2995P	68.968	2.495	63.962	20.1	F780	8089	5M8088P	72.014	2.496	67.000	19.5	F780
2995A	5M2995A	68.968	2.495	63.962	20.1	F810	8088HX	5M8088HX	72.014	2.478	67.000	22.5	F780
2995H	5M2995H	68.968	2.495	63.962	20.1	F780	5564A	4M5564A	72.014	1.994	67.996	20.0	F810
1843A	4M1842A	68.999	2.527	63.932	16.5	F810	5565A	4M5564A	72.014	1.994	67.996	17.0	F810
1842A	4M1842A	68.999	2.527	63.932	18.5	F810	8088H	5M8088H	72.014	2.491	67.000	22.5	F780
8488A	5M8488A	69.000	1.983		18.3	F810	8088	5M8088P	72.014	2.496	67.000	22.5	F780
1749A	5M1748A	69.000	1.983	65.000	28.6	F810	8093A	5M8092A	72.014	2.496	67.000	19.5	F810
1748A	5M1748A	69.000	1.983	65.000	28.6	F810	1428	5M1427P	72.017	1.999	67.970	24.0	F780
1933A	4M1933A	69.000	2.505	64.000	20.0	F810	1427	5M1427P	72.017	1.999	67.970	30.0	F780
7182A	4M7182A+2T	69.009	2.485	64.013	17.6	F810	1779	5M1778P	72.019	1.990	67.978	22.1	F780
	4M7182A	69.009	2.485	64.013	17.6	F810	1393A	5M1392A	72.019	2.002	67.970	24.0	F810
7172A	4M7172A	69.010	2.740	63.510	18.7	F810	1778	5M1778P	72.019	2.000	67.978	22.1	F780
	4M7172A+2T	69.010	2.740	63.510	18.7	F810	7972A	4M7972A	72.019	2.487	67.000	32.1	F810
7884A	7M7884A	69.014	1.994	65.000	19.6	F810	1382A	5M1382A	72.019	2.002	67.970	30.0	F810
	5M7884A	69.014	1.994	65.000	19.6	F810	1392A	5M1392A	72.019	2.002	67.970	24.0	F810
	6M7884A	69.014	1.994	65.000	19.6	F810	1384A	5M1382A	72.019	2.002	67.970	24.0	F810
8487A	5M8487A	69.020	1.983	65.000	16.3	F810		5M1382A	72.019	1.997	67.970	24.0	F810



Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
7982A	4M7982A	72.034	2.497	67.000	32.1	F810							
	4M7987A	72.034	2.497	67.000	32.1	F810							
7234A	4M7234A	72.169	2.438	67.257	19.8	F810	1893A	5M1893A	74.000	2.007	69.930	23.0	F810
7236A	4M7234A	72.169	2.438	67.257	24.9	F810	1324A	5M1322A	74.000	2.014	69.930	36.1	F810
7233A	4M7234A	72.169	2.438	67.257	24.9	F810	1323A	5M1322A	74.000	2.014	69.930	21.5	F810
7113H	5M1038H	72.174	2.421	67.292	20.4	F780	1322A	5M1322A	74.000	2.014	69.930	30.6	F810
7113HX	5M1038HX	72.174	2.408	67.292	20.4	F780	7316A	4M7316A	74.009	2.485		18.2	F810
7237A	4M2037A	72.174	2.426	67.264	24.8	F810	4387A	5M4386A	74.010	1.972	70.000	27.0	F810
7238A	4M2037A	72.174	2.426	67.264	18.8	F810	4386A	5M4386A	74.010	1.972	70.000	23.1	F810
7188A	4M7189A	72.174	2.437	67.264	18.8	F810	1197	5M1197P	74.019	1.994	69.955	28.2	F780
7187A	4M7189A	72.174	2.437	67.264	24.8	F810	5507A	5M5507A	74.020	1.983	70.000	23.1	F810
7113A	5M1038A	72.174	2.423	67.292	20.4	F810	5508A	5M5507A	74.020	1.983	70.000	27.1	F810
4382A	4M4382A+2T	72.420	2.450		22.9	F810	2164A	5M5507A	74.020	1.983	70.000	27.1	F810
7257A	5M7257A	72.420	2.430		24.8	F810	2163A	5M5507A	74.020	1.983	70.000	23.1	F810
5638WA	5M7141A	72.420	2.443	67.503	19.1	F810	1389A	7M1388A	74.021	1.989	70.000	29.6	F810
	5M2007A	72.420	2.443	67.503	19.1	F810	1362A	5M1362A	74.021	1.989	70.000	24.6	F810
4383A	4M4382A	72.420	2.450		22.5	F810	1388A	7M1388A	74.021	1.989	70.000	22.5	F810
5638A	5M2007A	72.420	2.443	67.503	18.3	F810	1365A	5M1362A	74.021	1.989	70.000	31.4	F810
4382A	4M4382A	72.420	2.450		22.9	F810	8258A	5M8258A	74.030	1.986	70.000	22.6	F810
4383A	4M4382A+2T	72.420	2.450		22.5	F810	8259A	5M8258A	74.030	1.986	70.000	29.6	F810
7258A	5M7257A	72.420	2.430		24.0	F810	7989H	7M7989H	74.040	2.489	69.000	23.4	F780
5638A	5M7141A	72.420	2.443	67.503	18.3	F810	7989HX	7M7989HX	74.040	2.476	69.000	23.4	F780
7293A	5M7296A	72.421	2.443	67.506	19.3	F810	7989A	7M7989A	74.040	2.492	69.000	23.4	F810
	6M7296A	72.421	2.443	67.506	19.3	F810	8601A	5M8601A	74.090	2.008		27.1	F810
7296A	5M7296A	72.421	2.443	67.506	18.4	F810	2996	7M2996	74.092	2.095	69.863	34.9	F780
	6M7296A	72.421	2.443	67.506	18.4	F810	1747	7M1747P	74.092	2.100	69.825	28.6	F780
7296WA	5M7296A	72.421	2.443	67.506	20.1	F810	2319AL	7M2316	74.092	2.083	69.850	31.1	F820
	6M7296A	72.421	2.443	67.506	20.1	F810	2316AL	7M2316	74.092	2.083	69.850	34.4	F820
5646HX	5M5645HX	72.423	2.430	67.506	18.4	F780	2317AL	7M2316	74.092	2.083	69.850	35.3	F820
5647WA	5M5647A	72.423	2.443	67.506	19.3	F810	2318AL	7M2316	74.092	2.083	69.850	27.1	F820
5647H	5M5647HX	72.423	2.443	67.506	18.4	F780	2992	7M2997	74.092	2.090	69.863	38.2	F780
	5M5647H	72.423	2.443	67.506	18.4	F780	1747	5M1747P	74.092	2.100	69.825	28.6	F780
5647A	5M5647A	72.423	2.443	67.506	18.4	F810	2998	7M2996	74.092	2.095	69.863	28.7	F780
5646HX	5M7296HX	72.423	2.430	67.506	18.4	F780	2997	7M2997	74.092	2.095	69.863	25.4	F780
5647WH	5M5647H	72.423	2.443	67.506	19.3	F780		7M2996	74.092	2.095	69.863	25.4	F780
5644H	5M7296H	72.423	2.443	67.506	19.3	F780	2517A	5M2519A	74.519	2.255	69.965	27.0	F810
5646H	5M5645H	72.423	2.443	67.506	18.4	F780	2517	5M2519P	74.519	2.256	69.965	27.0	F780
5645HX	5M7296HX	72.423	2.430	67.506	20.1	F780	2512	5M2514P	74.519	2.260	69.960	27.0	F780
	5M5645HX	72.423	2.430	67.506	20.1	F780	2517A	6M8737A	74.519	2.255	69.965	27.0	F810
5645H	5M7296H	72.423	2.443	67.506	20.1	F780	2514	5M2514P	74.519	2.260	69.960	33.9	F780
	5M5645H	72.423	2.443	67.506	20.1	F780	2517A	5M8737A	74.519	2.255	69.965	27.0	F810
5644HX	5M7296HX	72.423	2.430	67.506	19.3	F780	2276A	5M2276A	74.520	2.250		19.6	F810
5646H	5M7296H	72.423	2.443	67.506	18.4	F780	8737A	6M8737A	74.520	2.255	69.965	27.0	F810
5647WH	5M5647HX	72.423	2.443	67.506	19.3	F780		5M8737A	74.520	2.255	69.965	27.0	F810
7282A	5M7282A	72.440	4.041	64.360	20.7	F810	7218A	5M7218A	74.620	2.388	69.845	26.6	F810
2273HX	4M2273HX	72.882	2.409	68.008	19.8	F770	7102	5M829P	74.625	2.380	69.830	26.5	F780
2273H	4M2273H	72.882	2.422	68.008	19.8	F780	7102A	5M829A	74.625	2.380	69.830	26.5	F810
2273A	4M2273A	72.882	2.427	68.008	19.8	F810	7102H	5M829H	74.625	2.372	69.830	26.5	F780
2273HX	4M2273HX	72.882	2.409	68.008	19.8	F780	7102HX	5M829HX	74.625	2.359	69.830	26.5	F780
1304	7DM1304P	73.002	1.831	69.299	26.1	F780	2115A	5M863A	74.727	2.433	69.830	23.2	F810
	7M1305P	73.002	1.831	69.299	26.1	F780	1484A	5M1041A	74.727	2.433	69.822	23.6	F810
1302	7DM1304P	73.002	1.831	69.299	49.1	F780	1482A	5M1041A	74.727	2.433	69.822	23.6	F810
1303	7DM1304P	73.002	1.831	69.299	41.1	F780	2107HX	5M1010HX	74.740	2.430	69.830	22.4	F780
1302	7M1305P	73.002	1.831	69.299	49.1	F780	2107H	5M1010H	74.740	2.443	69.830	22.4	F780
1303	7M1305P	73.002	1.831	69.299	41.1	F780	2107A	5M1010A	74.740	2.443	69.830	22.4	F810
1903A	4M1903A	73.060	2.500	68.000	20.0	F810	2107	5M2109P	74.740	2.443	69.830	22.4	F780
7973A	4M7972A	73.520	2.487	68.500	30.1	F810		5M1010P	74.740	2.443	69.830	22.4	F780
7983A	4M7987A	73.536	2.497	68.500	30.1	F810	4362A	5M877A	74.752	2.436	69.863	24.0	F810
							4602A	4M517A	74.752	2.428	69.863	26.4	F810



Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
2724A	4M1419A	74.752	2.435	69.863	22.4	F810	2105AL	5M2104A	80.442	2.078	76.218	36.2	F820
2725A	4M1419A	74.752	2.435	69.863	28.1	F810	2104AL	5M2104A	80.442	2.078	76.218	26.7	F820
2539A	4M2539A	74.993	2.506	69.975	20.1	F810		7M2104A	80.442	2.078	76.218	26.7	F820
8409A	5M8409A	75.000	2.485	70.000	23.8	F810	7948	5M7948P	80.607	2.172	76.200	25.0	F780
2678A	5M2678A	75.000	2.014	70.920	26.0	F810	7946	5M7946P	80.607	2.172	76.200	25.0	F780
1369A	5M1369A	75.000	2.015	70.920	26.0	F810	7137A	5M1457A	81.001	2.375	76.213	22.0	F810
1367A	4M1367A	75.000	2.015	70.920	31.9	F810	8509A	5M804A	81.001	2.377	76.208	41.3	F810
	3M1367A	75.000	2.015	70.920	31.9	F810	7138A	5M496A	81.001	2.382	76.200	23.8	F810
2965HX	7M2965HX	75.000	1.997	70.920	26.0	F780	7134A	5M1457A	81.001	2.375	76.213	22.0	F810
2965	7M2965P	75.000	2.013	70.920	26.0	F780	7138A	5M483A	81.001	2.382	76.200	23.8	F810
2965A	5M2965A	75.000	2.013	70.920	26.0	F810	8507A	5M804A	81.001	2.377	76.208	24.9	F810
2965H	5M2965H	75.000	2.010	70.920	26.0	F780	7136A	5M496A	81.001	2.382	76.200	40.4	F810
	7M2965H	75.000	2.010	70.920	26.0	F780		5M483A	81.001	2.382	76.200	40.4	F810
2965HX	5M2965HX	75.000	1.997	70.920	26.0	F780		5M1415A	81.001	2.382	76.200	40.4	F810
1852A	5M1852A	75.018	2.485	70.000	23.8	F810	8512A	5M804A	81.001	2.377	76.208	24.9	F810
1618	5M1618P	75.019	2.500		22.5	F780	7134A	5M1415A	81.001	2.375	76.213	22.0	F810
1459A	5M1459A	75.019	2.505	69.990	24.0	F810	4388A	5M4386A	81.010	1.972	77.000	22.0	F810
2953A	7M2953A	75.020	2.007	70.920	26.0	F810	1887A	5M1887A	81.011	2.513	75.925	27.7	F810
1787A	5M1787A	75.024	2.490	70.000	27.6	F810	1887	7M1887P	81.011	2.513	75.925	27.7	F780
8374A	5M8374A	75.024	2.490	70.000	26.9	F810		5M1887P	81.011	2.513	75.925	27.7	F780
1095A	5M1093A	75.030	2.500	70.000	32.3	F810	1885	7M1885P	81.011	2.525	75.925	27.8	F780
1092A	5M1091A	75.030	2.510	70.000	22.3	F810		5M1885P	81.011	2.525	75.925	27.8	F780
7987A	4M7987A	75.035	2.497	69.996	28.1	F810	1885A	5M1885A	81.011	2.525	75.925	27.8	F810
2709A	5M2715A	76.276	2.431	71.387	32.0	F810	1894A	5M1894A	81.019	2.525	75.925	27.9	F810
	5M1266A	76.276	2.431	71.387	32.0	F810	1895	5M1894P	81.019	2.525	75.925	27.9	F780
2705A	5M1266A	76.276	2.431	71.387	22.3	F810	1895A	5M1894A	81.019	2.525	75.925	27.9	F810
2707A	5M1051A	76.276	2.431	71.387	22.3	F810	1894	5M1894P	81.019	2.525	75.925	27.9	F780
2705A	5M2715A	76.276	2.431	71.387	22.3	F810	1849	5M1848P	81.020	2.525	75.920	27.8	F780
2709A	5M1051A	76.276	2.431	71.387	32.0	F810	1848A	5M1848A	81.020	2.525	75.920	27.8	F810
7975A	4M7972A	76.520	2.487	71.500	40.1	F810	1848	5M1848P	81.020	2.525	75.920	27.8	F780
7985A	4M7982A	76.535	2.497	71.500	40.1	F810	2165A	5M5507A	81.020	1.983	77.000	22.1	F810
7988A	4M7987A	76.535	2.497	71.496	40.1	F810	1849A	5M1848A	81.020	2.525	75.920	27.8	F810
8263A	4M8263A	77.016	2.497	72.000	22.4	F810	1357	7M1357P	81.050	2.990	74.990	34.0	F780
8264A	4M8263A	77.016	2.497	72.000	19.0	F810	1358	7M1357P	81.050	2.990	74.990	49.0	F780
1996A	4M1996A	77.060	2.505	72.000	18.1	F810	5207A	5M1432A	81.102	2.433	76.205	21.3	F810
8439	5M8439P	78.000	2.493	72.960	25.1	F780	5212HX	5M1039HX	81.102	2.423	76.205	24.1	F780
8419A	4B8419A	78.020	1.985	74.000	25.6	F810	5207HX	5M1432HX	81.102	2.417	76.205	21.3	F780
8495A	7M8495A	78.020	1.985	74.000	22.5	F810	5212	5M1039P	81.102	2.432	76.205	24.1	F780
8494A	7M8494A	78.020	1.985	74.000	25.6	F810	5212A	5M1039A	81.102	2.432	76.205	24.1	F810
8495A	5M8495A	78.020	1.985	74.000	22.5	F810	5212H	5M1039H	81.102	2.436	76.205	24.1	F780
8494A	5M8494A	78.020	1.985	74.000	25.6	F810	2177A	5M981A	81.102	2.433	76.205	21.3	F810
7308A	6M2224A	78.087	4.044	69.982	20.7	F810	5207H	5M1432H	81.102	2.430	76.205	21.3	F780
	5M2224A	78.087	4.044	69.982	20.7	F810	2177A	5M1432A	81.102	2.433	76.205	21.3	F810
	7M2224A	78.087	4.044	69.982	20.7	F810	7318	6M2200P	81.102	2.435	76.213	24.4	F780
8255	5M8254P	79.020	1.988	75.000	22.5	F780	7317	6M2200P	81.102	2.435	76.213	25.4	F780
8254	5M8254P	79.020	1.988	75.000	20.5	F780	2177HX	5M1432HX	81.102	2.417	76.205	21.3	F780
7240	5M1563P	79.850	2.425	74.940	22.8	F780	2177H	5M1432H	81.102	2.430	76.205	21.3	F780
7242	5M1563P	79.850	2.425	74.937	35.3	F780	1199	7M1199P	82.022	2.007	77.950	27.0	F780
2088	5M2091P	79.850	2.426	74.938	35.3	F780		5M1199P	82.022	2.007	77.950	27.0	F780
2087	5M2091P	79.850	2.426	74.940	22.8	F780	1198	5M1198P	82.022	2.007	77.950	27.1	F780
2775A	5M2775A	80.000	1.995	75.940	28.0	F810	2915	5M2915P	83.000	2.500	77.940	27.0	F780
8602A	5M8602A	80.091	2.508		27.3	F810	8548A	5M8548A	84.120	2.525	78.980	29.4	F810
1777A	5M1777A	80.092	2.103	75.825	28.6	F810	2934	5M1596P	84.231	2.410	79.339	22.2	F780
1862A	7M1864	80.442	2.078	76.225	26.7	F810	5247	5M2034P	84.231	2.410	79.339	23.7	F780
	5M1864A	80.442	2.078	76.225	26.7	F810	2934A	5M1596A	84.231	2.410	79.339	22.2	F810
2105AL	7M2104A	80.442	2.078	76.218	36.2	F820	7956	5M7956P	84.614	2.164	80.208	23.8	F780
1864A	5M1864A	80.442	2.078	76.225	36.2	F810	1855A	5M1884A	85.019	2.518	79.925	26.7	F810
	7M1864	80.442	2.078	76.225	36.2	F810	1855	7M1884P	85.019	2.518	79.925	26.7	F780



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Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1888	7M1888P	85.019	2.518	79.925	26.7	F780
1855	5M1884P	85.019	2.518	79.925	26.7	F780
1884A	5M1884A	85.019	2.518	79.925	26.7	F810
1884	7M1889P	85.019	2.518	79.925	26.7	F780
	7M1884P	85.019	2.518	79.925	26.7	F780
1888	7M1889P	85.019	2.518	79.925	26.7	F780
1889	7M1889P	85.019	2.518	79.925	26.7	F780
	7M1888P	85.019	2.518	79.925	26.7	F780
1884	5M1884P	85.019	2.518	79.925	26.7	F780
1859	5M1847P	85.020	2.525	79.920	26.8	F780
1847A	5M1847A	85.020	2.525	79.920	26.8	F810
1232	7M1232P	85.020	2.500	79.955	28.1	F780
1859A	5M1847A	85.020	2.525	79.920	26.8	F810
1847	5M1847P	85.020	2.525	79.920	26.8	F780
1845A	5M1844A	85.020	2.516	79.920	26.7	F810
1844A	5M1844A	85.020	2.516	79.920	26.7	F810
7274	5M7274P	86.009	2.479	81.011	21.5	F780
1133A	5M1132A	86.830	2.103	82.550	28.7	F810
1132A	5M1132A	86.830	2.103	82.550	40.8	F810
	7M1132A	86.830	2.103	82.550	40.8	F810
1133A	7M1132A	86.830	2.103	82.550	28.7	F810
9029	5M7274PO/S1.	87.009	2.979	81.011	21.5	F780
1837A	5M1837A	87.019	2.518	81.925	27.3	F810
1837	5M1837P	87.019	2.518	81.925	27.3	F780
	7M1837P	87.019	2.518	81.925	27.3	F780
1122A	4M1122A	92.075	3.176	85.654	28.2	F810
	7M1122A	92.075	3.176	85.654	28.2	F810
	5M1122A	92.075	3.176	85.654	28.2	F810
2871	5M2870P	93.022	2.477	88.010	24.1	F780
2867	7M2867P	93.022	2.477	88.010	24.1	F780
	7M2869P	93.022	2.477	88.010	24.1	F780
2871	7M2870P	93.022	2.477	88.010	24.1	F780
2867	5M2867P	93.022	2.477	88.010	24.1	F780
	5M2869P	93.022	2.477	88.010	24.1	F780
2785	7M2784	93.066	2.040	88.900	27.4	F780
2784	7M2784	93.066	2.040	88.900	40.6	F780
2338	7M2337	93.142	2.088	88.887	29.5	F780
2337	7M2337	93.142	2.088	88.887	34.5	F780
2339	7M2337	93.142	2.088	88.887	38.1	F780
2718	7M2717P	106.000	3.018	99.894	35.0	F780
2719	7M2717P	106.000	3.018	99.894	55.0	F780
2717	7M2717P	106.000	3.018	99.894	35.0	F780



NUMERICAL LISTING - ENGINE GROUP

Auxiliary Bearing Set	
1BS5687	Ford (49,50,71,79)
1BS7006	Audi (60) Volkswagen (130,131)
1BS7009	Audi (60) Volkswagen (130,131)
1BS7010	Audi (66,67) Volkswagen (139,140)
1BS7011	Audi (66,67) Volkswagen (139,140)
1C10945	Ford (46,73,113)
1SBS19547	Ford (85)
2BS3118	Fiat (36,38,39,40,51) Lancia (21)
2BS3128	Fiat (33) Lancia (19)
2BS3134	Fiat (15,13,14)
2BS7006	Audi (1,2,3,14,17,22,23,24,26,32,33,34,37,43,44,45,46,47,48,49,50,58,59,63,64,65,70,73,74,75,82,87) Volkswagen (1,2,3,5,6,7,8,9,10,11,12,13,16,17,18,20,21,25,30,32,33,34,35,37,40,41,43,49,50,52,54,62,63,64,65,74,85,86,87,88,89,90,91,92,93,94,95,96,97,98,106,108,111,113,114,115,123,125,134,141,143,144,146,147,164,165,167)
2BS8078	Toyota (65,66,70,80,123)
2BS8286	Toyota (56,90,110,111,112,113,114,115)
2C10955	Ford (25,44)
2C60025	Ford (76)
3BS7926	Volvo (3)

Balance Shaft Bearing Set	
1BS14005	General Motors (22)
1BS20025	General Motors (9)
2BS14035	Chrysler (5)
2BS14455	Ford (8,18,92)
2BS8273	Nissan (6)
2BS8453	Daihatsu (1,6,13)
2BS8558A	Mitsubishi (45)
2BS8559A	Mitsubishi (3,48)
2BS8586A	Mitsubishi (24)
2C0265	Chrysler (3)
3BS5196A	Ford (13)
3BS8288	Mitsubishi (14,30,33,48)
3BS8303	Mazda (1,7)
3BS8385	Mitsubishi (29,32)
3BS8387	Mitsubishi (34,35,47)
3BS8389	Hyundai (8,12) Mitsubishi (31,34,35,41,42,47,52,53)
4BS2938	Nissan (27)
4BS8000	Toyota (84)
4BS8416A	Toyota (25)

Balance Shaft Bearing Set	
4BS8452	Daihatsu (5)
6BS8033	Mazda (22)
Camshaft Bearing Set	
10C5808	Ford (116)
10C7005	Audi (51) Volkswagen (99)
1C3124	Fiat (33) Lancia (19)
1C4096	Leyland (5,14)
1C7910	Renault (1,2,5,16,40)
1C8398A	Toyota (106,108)
1C8415A	Toyota (25)
2C7813	Renault (6,7,8,19)
2C8446A	Suzuki (2,7)
3C10305	General Motors (25) Jeep (11)
3C13055	General Motors (25)
3C1764A	Mazda (45)
3C3120	Fiat (7,13,14,15,16,36,38,39,40,50,51) Lancia (21)
3C3300	Ford (45,46,51,73,121,122)
3C3310	Ford (58,61,72,75)
3C4005	General Motors (48)
3C4018	Nissan (68,74,75,76)
3C4036	Leyland (17) Nissan (52,53,54,60,78,81)
3C4095	Leyland (11,12,16)
3C4099	Leyland (9,12,13,15)
3C4212	Nissan (13,69)
3C4306	Leyland (4,8)
3C5116	Holden (25)
3C5126	Bedford (1) Holden (14,16) Vauxhall (2,3)
3C5816	Ford (7,49,50,71,79,113)
3C6126	Commer (1)
3C6127	Isuzu (33,34)
3C7936	Volvo (1,2,3,21)
3C8006	Toyota (81)
3C8071	Toyota (83,99,117)
3C8074	Toyota (100,104,118)
3C8081	Isuzu (3,20,21,22,23,24,31,32,49)
3C8084	Isuzu (10,18,29,30)
3C8116	Isuzu (36,44,45,48)
3C8127	Isuzu (44,46,47,48)
3C8227	Mazda (43)
3C8230A	Toyota (41)
3C8276	Mazda (33,34,44)
3C8448A	Toyota (48)
3C8454A	Daihatsu (8,11,14)
3C8482A	Toyota (46)
3C8490A	Toyota (42)
3C8496A	Toyota (48)
4C048AS	Ford (107)

Camshaft Bearing Set	
4C1002BS	Ford (118,119)
4C1031BS	General Motors (1,2,41)
4C1031S	General Motors (1,2,41)
4C1089S	General Motors (22,50)
4C1102S	General Motors (11,23,49) Jeep (12)
4C1102SW	General Motors (11,23,49) Jeep (12)
4C1114S	Chrysler (11)
4C1115S	Chrysler (20)
4C1197S	Ford (92)
4C1246S	General Motors (1,3,30,42)
4C1251S	Ford (31,114)
4C1254BS	Ford (100)
4C1254S	Ford (100)
4C1351S	General Motors (22)
4C1405BS	Chrysler (10)
4C1441AS	Ford (77)
4C1441S	Ford (77)
4C1447S	Ford (8,18,92)
4C1812S	General Motors (3,30)
4C3088	Holden (13)
4C3172	Land Rover (1,2,6,7,8) Rover (10,12)
4C399S	General Motors (26,52,55)
4C4036	Nissan (55,72)
4C4042	Nissan (55,56)
4C4286	Nissan (82,84)
4C4606	Chrysler (20,21)
4C4646	Chrysler (22)
4C5026	Bedford (4,5)
4C506S	General Motors (44) Jeep (3)
4C5106	Holden (18)
4C5108	Holden (19,20)
4C5116	Holden (1,2)
4C5137	Bedford (8)
4C5157	Bedford (3) General Motors (52,55)
4C5166	Bedford (6,7)
4C549S	American Motors (3,4) Jeep (2,6,16)
4C567BS	Ford (93,100)
4C567S	Ford (93,100)
4C5746	Ford (115,117)
4C5749	Ford (115,117)
4C5768	Ford (80,87,90,98,117)
4C5799	Ford (94)
4C5806	Ford (6)
4C5826	Ford (22,24,43,86,97,115,117)
4C5829	Ford (98)
4C654S	Ford (118)
4C7004	Audi (66,67) Volkswagen (139,140)
4C7300	General Motors (10,24)
4C777BS	Ford (25,26,44)



NUMERICAL LISTING - ENGINE GROUP

Camshaft Bearing Set	
4C777S	Ford (25,26,44)
4C7936	Volvo (5,20)
4C7979	Toyota (72,96,125)
4C8052	Toyota (89,97)
4C8056	Toyota (98,119,120)
4C8065	Toyota (67,97,98,120)
4C8066	Toyota (14,29,71,79)
4C8076	Toyota (9,56,65,70,90)
4C8081	Isuzu (31,32,49)
4C8246	Mercedes Benz (17,18)
4C8499A	Toyota (50)
4C8566A	Mitsubishi (13)
4DC1866	Ford (81)
4SC19580	Holden (18)
4SC19581	Holden (20)
5C1000S	General Motors (15)
	Holden (28)
5C1001S	General Motors (15,17,19)
	Holden (8,28)
	HSV (1,2)
5C1088S	General Motors (59,60,61,64)
5C1092S	Ford (12,123)
5C1111S	Ford (101)
5C1112S	Chrysler (25,26)
	Jeep (13,14)
5C1195S	General Motors (6,7,36,56)
5C1199S	General Motors (18)
5C1763S	Ford (23)
5C287S	General Motors (53,54)
5C292S	General Motors (27,57,58)
5C3312	Ford (1,2)
5C3346C	General Motors (14,16,51,54)
5C3349	General Motors (14,16,51,54)
5C3349C	General Motors (14,16,51,54)
5C4055	Nissan (12,51,57,58)
5C4146	Nissan (63,64)
5C419S	Nissan (9,10)
5C4326	Land Rover (4)
	Leyland (19)
	Rover (8)
	Triumph/Standard (5)
5C5146	Holden (3)
5C5146C	Holden (3,21)
5C5170A	Chrysler (23)
	Jeep (8)
5C5616	Ford (23,110)
5C5616C	Ford (23,110)
5C5696	Ford (11,91,109)
5C5757	Ford (3,96)
5C5806	Ford (83,89,99)
5C6003S	Ford (28)
5C6006A	Mazda (22)
5C6128A	Isuzu (5,13,14,35)
5C615S	General Motors (47)
5C616S	General Motors (20,46,47)
5C638S	General Motors (59,62,63)
5C671S	American Motors (1,2)

Camshaft Bearing Set	
	Jeep (4)
5C680S	General Motors (4)
	Jeep (5)
5C7004	Audi (25,26,27,74,75,76)
	Volkswagen (50,54,122,123,124,125,126, 127,149)
5C7008	Audi (14,32,34,44,80,81,82)
	Volkswagen (5,9,30,34,36,38,45,65,85,87, 89,91,94,142,143)
5C716S	General Motors (8)
5C7276	Ford (68,69)
5C781S	Ford (39,40)
5C7969	Toyota (24,68,73)
5C804S	Toyota (77)
5C8083	Isuzu (2,4)
5C8094	Toyota (64,100,104)
5C8186	Toyota (8,15)
5C820S	Toyota (3,83,87,88,94,117)
5C821S	Toyota (83,88,94,117)
5C8217	Toyota (83,88,94,117)
5C8460A	Daihatsu (8,14)
5C8553A	Isuzu (28)
5C8554A	Isuzu (15,52)
5C8555A	Isuzu (1)
5C875S	Chrysler (19,25,26)
5C876S	Chrysler (12,13,27)
6C1100A	Ford (9,10,21,41,84)
6C1200A	Ford (42)
6C1201A	Ford (20,42)
6C7778A	Peugeot (15,26,29)
6C8081	Isuzu (12,37,40,41,42,50,51)
6DC1866	Ford (82,106,108)
7C4065	Nissan (45,59)
7C4067	Nissan (62)
7C5197LA	Ford (13)
7C5197RA	Ford (13)
7C5757	Ford (103,104)
7C8252A	Toyota (5)
8C7696	Jaguar (2,3)

Conrod Bearing Set	
10B1442A	Ford (13,38)
1B1090P	Alfa Romeo (5,6,7,8)
	Jeep (15)
1B2406P	Triumph/Standard (4,6)
1B2500H	Nissan (33)
1B2830P	Alfa Romeo (20,21,22,23,24)
	Fiat (26,27,28,29,30)
	Lancia (13,14,15,16,17)
1B481H	Chrysler (14,15)
1B481HX	Chrysler (14,15)
1B481P	Chrysler (14,15)
1B7270P	Ford (68)
1B7271P	Ford (69)
1B8241	Mercedes Benz (17,18,21,55)
1B8700D	Mercedes Benz (35,36,37,43)

Conrod Bearing Set	
1B8700P	Mercedes Benz (35,36,37,43)
2B1990A	Honda (44)
2B8010A	Daihatsu (5)
2B8316A	Subaru (7)
2B8577A	Mitsubishi (21,22,23)
3B1090P	Alfa Romeo (5)
3B1121P	Ford (6)
3B1266A	Daewoo (5)
	Suzuki (10,17)
3B1988A	Honda (48)
3B2423A	Opel (20)
3B2600P	Mercedes Benz (47)
	Smart (1)
3B5537D	Audi (66,67)
	Volkswagen (139,140,154)
3B5537P	Audi (66,67)
	Volkswagen (139,140,154)
3B5560A	Volkswagen (158)
3B8010A	Daihatsu (6,7,13)
3B8020A	Daihatsu (9)
3B8023A	Daihatsu (1)
3B8024A	Daihatsu (13)
3B8120A	Daihatsu (4)
3B8323A	Subaru (3)
3B8324A	Subaru (13)
3B8336A	Suzuki (12)
3B8336P	Suzuki (12)
3B8358A	Suzuki (14)
3B8421A	Toyota (38)
3B8540A	Suzuki (5,9)
3B8583A	Mitsubishi (24)
4B1018A	Fiat (33)
	Lancia (19)
4B1022A	Fiat (13,14,15,16)
	Lancia (5,10)
4B1023A	Fiat (13,14,15,16)
4B1030A	Alfa Romeo (19)
4B1037P	Mercedes Benz (51)
4B1046P	Alfa Romeo (10,12,13)
4B1047A	Alfa Romeo (10)
	Fiat (35)
	Lancia (20)
4B1048A	Alfa Romeo (12,14)
4B1048P	Alfa Romeo (12,14)
4B1049A	Fiat (4,22,23)
	Lancia (8)
4B1060H	Ford (32)
4B1060HX	Ford (32)
4B1062A	Alfa Romeo (9)
4B1063A	Alfa Romeo (9)
4B1075A	Audi (23,73)
	Volkswagen (43,44,48)
4B1075P	Audi (23,73)
	Volkswagen (43,44,48)
4B1076A	Audi (1,32,47)
	Volkswagen (85,86,88,89,93,94,95,134)



NUMERICAL LISTING - ENGINE GROUP

Conrod Bearing Set	
4B1076P	Audi (1,32,47) Volkswagen (85,86,88,89,93,94,95,134)
4B1084P	Triumph/Standard (2)
4B1090P	Alfa Romeo (7,8) Jeep (15) Rover (5)
4B1101A	Toyota (14,71,79)
4B1110H	Alfa Romeo (1)
4B1110P	Alfa Romeo (1)
4B1120P	Ford (83)
4B1121A	Ford (89)
4B1130A	Hyundai (11) Mitsubishi (4,11)
4B1131A	Leyland (18)
4B1136A	Mitsubishi (14,30,33,48)
4B1141A	Mitsubishi (13)
4B1146A	Hyundai (8) Mitsubishi (8,12,18,29,31,32,34,35,42,47,52,53)
4B1146H	Hyundai (8) Mitsubishi (8,12,18,29,31,32,34,35,42,47,52,53)
4B1146HX	Hyundai (8) Mitsubishi (8,12,18,29,31,32,34,35,42,47,52,53)
4B1151A	Mazda (34,44)
4B1155A	Mazda (43)
4B1156A	Mazda (14,35,42)
4B1171A	Nissan (25,26,47,85)
4B1185A	Hyundai (12,14) Mitsubishi (41,42,47,52,53,54)
4B1185H	Hyundai (12,14) Mitsubishi (41,42,47,52,53,54)
4B1185HX	Hyundai (12,14) Mitsubishi (41,42,47,52,53,54)
4B1190P	Mitsubishi (9)
4B1191P	Hyundai (3)
4B1196P	Mitsubishi (50)
4B1201A	Hyundai (1)
4B1206A	Hyundai (5)
4B1216A	General Motors (5)
4B1230P	Mitsubishi (37,40)
4B1234P	Mitsubishi (46)
4B1235P	Mitsubishi (37)
4B1236H	Mitsubishi (7)
4B1236HX	Mitsubishi (7)
4B1250A	Hyundai (13)
4B1256A	Hyundai (6)
4B1266A	Daewoo (3) General Motors (29) Suzuki (13)

Conrod Bearing Set	
4B1269A	Chrysler (3,5)
4B1276A	Ford (28,74,112)
4B1293H	Hyundai (4)
4B1293HX	Hyundai (4)
4B1297A	Nissan (39)
4B1320A	Isuzu (44,45,46,47,48)
4B1346P	Bedford (2) Vauxhall (1)
4B1350A	Daewoo (4) Holden (4) Opel (1,2)
4B1351A	Daihatsu (10)
4B1361A	Toyota (67,98,119)
4B1366A	Nissan (52,53,54)
4B1370A	Opel (7)
4B1370P	Opel (7)
4B1371A	Opel (22)
4B1380A	Ford (27,28,112)
4B1383A	Ford (31,114)
4B1388A	General Motors (35)
4B1395P	BMW (11)
4B1426A	Daihatsu (8,11,14)
4B1430A	Leyland (6)
4B1435A	Nissan (7,87)
4B1441A	Fiat (7,8,36,38,39,40,42,47,50,51) Lancia (2,3,21,22,23)
4B1441P	Fiat (40,41,50)
4B1444A	Fiat (7,36,38,39) Lancia (21)
4B1460A	Honda (39)
4B1486A	BMW (2)
4B1489H	BMW (7)
4B1489HX	BMW (7)
4B1490H	BMW (8)
4B1490HX	BMW (8)
4B1490P	BMW (8)
4B1506P	BMW (2)
4B1516D	BMW (22)
4B1516P	BMW (22)
4B1531A	Commer (1)
4B1535P	Mitsubishi (5,38,39,46)
4B1568H	BMW (13)
4B1568HX	BMW (13)
4B1579D	BMW (9,10,17) Land Rover (10) Rover (4)
4B1579P	BMW (9,10,17) Land Rover (10) Rover (4)
4B1606A	Audi (1,2,3,17,20,32,33,34,35,36,37,38,42,43,45,46,47,48,49,50,58,59,65,68,69,79,80,81,87,89)

Conrod Bearing Set	
	Volkswagen (5,6,31,32,33,34,35,36,38,42,45,48,58,62,63,64,65,66,67,68,69,70,71,73,74,75,76,78,79,80,85,87,88,89,90,91,92,93,94,95,96,98,106,107,108,109,113,114,115,142,155,160,161,164,165,166)
4B1606H	Audi (1,2,3,17,20,32,33,34,35,36,37,38,42,43,45,46,47,48,49,50,58,59,65,78,79,87,89) Volkswagen (5,6,35,62,63,64,65,66,67,68,69,70,71,73,74,75,76,78,79,80,85,87,88,89,90,91,92,93,94,95,96,97,98,106,107,108,109,113,114,115,155,160,161,164,165,166)
4B1606HX	Audi (1,2,3,17,20,32,33,34,35,36,37,38,42,43,45,46,47,48,49,50,58,59,65,78,79,87,89) Volkswagen (5,6,35,62,63,64,65,66,67,68,69,70,71,73,74,75,76,78,79,80,85,87,88,89,90,91,92,93,94,95,96,97,98,106,107,108,109,113,114,115,155,160,161,164,165,166)
4B1606P	Audi (1,2,3,17,20,32,33,34,35,36,37,38,42,43,45,46,48,49,50,58,59,65,68,69,78,79,80,81,87,89) Volkswagen (6,31,32,33,34,35,36,38,42,45,48,58,62,63,64,65,66,67,68,69,71,73,74,75,76,78,79,80,85,87,88,89,90,91,92,93,94,95,96,97,98,106,107,108,109,113,114,115,142,155,160,161,164,165,166)
4B1609H	Audi (17,18,19,21,24,37,73) Volkswagen (18,19,22,23,24,46,63,67,68,74,76,78,81,82,83,84,108,109,110,111,112,113,114,115,116,137,162,165,166)
4B1609HX	Audi (17,18,19,21,24,37,73) Volkswagen (18,19,22,23,24,46,63,67,68,74,76,78,81,82,83,84,108,109,110,111,112,113,114,115,116,137,162,165,166)
4B1609P	Audi (17,18,19,21,24,37,73) Volkswagen (19,22,23,24,46,63,67,68,74,76,78,81,82,83,84,108,109,110,111,112,113,114,115,116,137,162,165,166)
4B1610A	Audi (63,64) Volkswagen (1,2,3,4,7,8,10,11,30)
4B1610P	Audi (63,64)



NUMERICAL LISTING - ENGINE GROUP

Conrod Bearing Set	
4B1610P	Volkswagen (1,2,3,4,7,8,10,11,30)
4B1615A	Audi (70)
	Volkswagen (12,13,14,15,16,17,18,19,20,21,29,141,167)
4B1620A	Nissan (6)
4B1623A	General Motors (37)
4B1626A	Mazda (33)
4B1630A	Nissan (2,16,49,65,73)
4B1630H	Nissan (16,49,65)
4B1630HX	Nissan (16,49,65)
4B1630P	Nissan (2,16,49,65,73)
4B1635A	Chrysler (24)
4B1636A	Audi (14,22,44,47,65,82)
	Volkswagen (9,40,41,88,89,93,143)
4B1636P	Audi (14,22,44,47,65,82)
	Volkswagen (5,9,37,40,41,88,89,93,143)
4B1647A	General Motors (34)
4B1650A	Ford (57,58,59,60,61)
4B1660P	Ford (1)
4B1667A	Ford (2)
4B1670P	Peugeot (7,38)
	Rover (7)
4B1680A	Toyota (29,124)
4B1685P	Peugeot (38)
4B1686A	Toyota (8,15,16,18,103)
4B1690A	Toyota (78,91)
4B1691A	Toyota (81)
4B1701A	Toyota (9,56,90,110,111,112,113,114,115)
4B1706P	Audi (62)
4B1710A	Toyota (1,2,78)
4B1714A	Toyota (8,16,18,19)
4B1720A	Toyota (64,100,104)
4B1726A	Toyota (118)
4B1730A	Toyota (104,118)
4B1736A	Hyundai (11)
	Mitsubishi (10,11,51)
4B1750A	Kia (8)
	Mazda (40)
4B1756A	Mazda (34,45)
4B1760P	Mazda (38,39)
4B1770P	Mitsubishi (45)
4B1776A	Mazda (23)
4B1780A	Toyota (1,32)
4B1780H	Toyota (1,32)
4B1780HX	Toyota (1,32)
4B1780P	Toyota (1,32)
4B1786A	Toyota (99,117)
4B1800H	Mitsubishi (27)
4B1800P	Mitsubishi (27)
4B1810A	Ford (72,75)
4B1816A	Isuzu (25,26,27)
	Opel (14,15)

Conrod Bearing Set	
4B1816P	Isuzu (25,26,27)
	Opel (14,15)
4B1820A	Honda (35)
	Isuzu (39)
4B1836P	Isuzu (1,28,52)
4B1841P	Leyland (20)
	Triumph/Standard (3)
4B1846A	Ford (55,56)
4B1850A	Toyota (4,107)
4B1851A	Toyota (58,60)
4B1854P	Isuzu (15,53)
4B1856A	Toyota (59)
4B1856H	Toyota (59)
4B1856HX	Toyota (59)
4B1861A	Ford (81)
4B1870A	Isuzu (7,8,19)
4B1881A	Isuzu (2,4)
4B1886P	Isuzu (3,20,21,22,23,24,31,32,37,41,42,49,51)
4B1890A	Isuzu (6,10,18,29,30)
4B1890P	Isuzu (6,10,18,29,30)
4B1891P	Leyland (4,8,17)
4B1906H	Honda (17,38)
4B1906HX	Honda (17,38)
4B1906P	Honda (17,38)
4B1908A	Honda (30)
4B1910A	Honda (2)
4B1912H	Honda (14,18,19,28)
4B1912HX	Honda (14,18,19,28)
4B1912P	Honda (14,18,19,28)
4B1925A	Honda (4)
4B1925H	Honda (4)
4B1925HX	Honda (4)
4B1925P	Honda (4)
4B1926A	Honda (45)
4B1927A	Honda (8)
4B1930A	Honda (26,40)
4B1931A	Honda (43)
4B1936A	Honda (6,14,16,18,19,27,28)
4B1946A	Honda (1,2,3,5,15)
4B1946H	Honda (1,2,3,5,15)
4B1946HX	Honda (1,2,3,5,15)
4B1946P	Honda (1,2,3,5,15)
4B1950A	Honda (33,42)
4B1951A	Honda (25)
4B1955A	Honda (9,10,13)
4B1956A	Honda (10,11,12,21)
4B1956H	Honda (10,11,12,21)
4B1956HX	Honda (10,11,12,21)
4B1956P	Honda (10,11,12,21)
4B1972H	Honda (20)
4B1972HX	Honda (20)
4B1972P	Honda (20)
4B1978A	Honda (23)
4B1980A	Honda (22,31)
4B1983A	Honda (32)

Conrod Bearing Set	
4B2010H	Saab (3,4,5)
4B2010P	Saab (3,4,5)
4B2100A	Ford (3,96)
4B2130A	Kia (5)
	Mazda (18,20,30,37)
4B2162A	Ford (64,65)
4B2162P	Ford (64,65,66)
4B2166A	Ford (7,49,50,71,79,105)
4B2166H	Ford (7,49,50,71,79,105)
4B2166HX	Ford (7,49,50,71,79,105)
4B2201P	Leyland (5,9,11,12,14,15,16)
4B2206P	Leyland (9,13)
4B2250	Leyland (4)
4B2260A	Ford (124)
4B2260P	Ford (124)
4B2290A	General Motors (10)
4B2296A	General Motors (9)
	Holden (12)
	Opel (8)
	Saab (2)
4B2320A	Holden (10,23,26,27)
	Opel (3)
4B2320P	Holden (10,23,26,27)
	Opel (3)
4B2322A	Daewoo (1,2)
	General Motors (28)
	Holden (6,7,9,11,15,23,24,26,27)
	Isuzu (9)
	Opel (3,4,5,10)
	Vauxhall (4)
4B2322H	Daewoo (1,2)
	General Motors (28)
	Holden (6,7,9,10,11,15,23,24,26,27)
	Isuzu (9)
	Opel (3,4,5,10,29)
	Vauxhall (4)
4B2322HX	Daewoo (1,2)
	General Motors (28)
	Holden (6,7,9,10,11,15,23,24,26,27)
	Isuzu (9)
	Opel (3,4,5,10,29)
	Vauxhall (4)
4B2326P	Holden (15)
	Vauxhall (4)
4B2380P	Holden (25)
4B2406A	Triumph/Standard (6)
4B2410P	Opel (28)
4B2423A	Opel (21)
4B2450P	Volkswagen (120)
4B2451A	Volkswagen (39,118,121)
4B2456P	Volkswagen (119)
4B2510P	Mercedes Benz (1)
4B2511P	Mercedes Benz (42)
4B2515A	Mercedes Benz (7)



NUMERICAL LISTING - ENGINE GROUP

Conrod Bearing Set	
4B2515P	Mercedes Benz (7)
4B2516A	Mercedes Benz (7,38)
4B2516P	Mercedes Benz (7,38)
4B2526P	Mercedes Benz (1,4)
4B2556P	Triumph/Standard (1)
4B2620A	Nissan (14)
4B2626A	Nissan (1)
4B2634A	Nissan (41)
	Renault (39)
4B2636A	Nissan (68,74,75)
4B2638A	Nissan (76)
4B2660A	Nissan (37)
4B2673A	Nissan (20)
4B2674A	Nissan (20)
4B2675A	Nissan (21)
4B2690A	Land Rover (1,2,6)
	Rover (10)
4B2690P	Land Rover (1,2,6)
	Rover (10)
4B2691P	Land Rover (7,8)
	Rover (12)
4B2726H	Volvo (4,22)
4B2726P	Volvo (4,22)
4B2731A	Peugeot (1,2,44)
4B2736A	Nissan (66,67)
4B2740P	Volvo (1,3,21)
4B2741P	Volvo (2,21)
4B2746A	Nissan (77)
4B2751A	Nissan (60,78,81)
4B2756P	Nissan (69)
4B2770A	Nissan (5)
4B2776P	Nissan (13,30)
4B2796A	Peugeot (54)
	Rover (6)
4B2806A	Fiat (43,44)
	Lancia (24)
4B2815A	Isuzu (13,14)
4B2816A	Isuzu (5,33,34)
4B2819P	Fiat (26)
4B2821A	Honda (35)
	Isuzu (5,13,14,33,34,35,38,39)
4B2822A	Alfa Romeo (11,15,16)
	Fiat (1,2,3,10,11,12,20,21,49)
	Lancia (1,9,27)
4B2822P	Alfa Romeo (11,15,16)
	Fiat (1,2,3,10,11,12,20,21,49)
	Lancia (1,9,27)
4B2825A	Alfa Romeo (17)
	Fiat (6,17,18,19)
	Lancia (6,7)
4B2830P	Fiat (26,27,28)
	Lancia (13,15)
4B2840A	Alfa Romeo (18)
	Fiat (5,24,25)
	Lancia (11,12)
4B2865A	Mercedes Benz (17,19,55)

Conrod Bearing Set	
4B2866P	Mercedes Benz (17,55)
4B2872A	Alfa Romeo (15)
	Fiat (1,2,3,20)
	Lancia (11,29)
4B2872P	Alfa Romeo (15)
	Fiat (1,2,3,20)
	Lancia (11,29)
4B2890A	Fiat (37)
	Opel (18,19)
4B2890P	Fiat (37)
	Opel (18,19)
4B2902H	Mini (2)
4B2902HX	Mini (2)
4B2903A	Mini (1)
4B2903H	Mini (1)
4B2903HX	Mini (1)
4B2904H	Alfa Romeo (11,15,16)
	Fiat (1,2,3,10,11,12,20,21,49)
	Lancia (1,9,11,27,29)
4B2904HX	Alfa Romeo (11,15,16)
	Fiat (1,2,3,10,11,12,20,21,49)
	Lancia (1,9,11,27,29)
4B2907A	Nissan (29)
4B2914P	Nissan (4)
4B2941A	Nissan (38)
4B2948A	Nissan (51)
4B2950A	Nissan (3)
4B2956A	Nissan (63,64)
4B2960A	Nissan (34)
4B2960H	Nissan (34)
4B2960HX	Nissan (34)
4B2960P	Nissan (34)
4B2966A	Nissan (12,27,57,58)
4B2966H	Nissan (12,27,57,58)
4B2966HX	Nissan (12,27,57,58)
4B2976H	Nissan (18)
4B2976HX	Nissan (18)
4B2980A	Toyota (68)
4B2986P	Toyota (24,73)
4B3034A	Fiat (46)
	Lancia (25)
4B3040A	Alfa Romeo (25)
	Fiat (45)
	Lancia (26)
4B3062A	Citroen (1,2)
	Fiat (34)
	Peugeot (41,42)
4B3063A	Peugeot (43)
4B3063P	Peugeot (43)
4B3068	Leyland (20)
	Triumph/Standard (3)
4B4135A	Ford (29)
	Mazda (47)
4B4370P	Ford (50,79)
4B4376A	Ford (62)
4B4390A	Ford (5)
	Mazda (3)

Conrod Bearing Set	
4B4390H	Ford (5)
	Mazda (3)
4B4390HX	Ford (5)
	Mazda (3)
4B4390P	Ford (5)
	Mazda (3)
4B4565A	Chrysler (4)
	Jeep (10)
4B5120A	Holden (16)
	Vauxhall (2)
4B5121A	Bedford (1)
	Holden (14,16)
	Vauxhall (2,3)
4B5286P	Opel (13)
4B5290D	Opel (11,12)
4B5290P	Opel (11)
4B5506P	Nissan (32)
	Renault (27)
4B5524P	Renault (27)
4B5527P	Renault (27)
4B5531A	Audi (41,79)
	Volkswagen (78,129)
4B5531P	Audi (41,79)
	Volkswagen (78,129)
4B5534A	Audi (68,69,80,81)
	Volkswagen (31,32,33,34,35,36,38,42,45,48,58,142)
4B5534P	Audi (68,69,80,81)
	Volkswagen (31,32,33,34,35,36,38,42,45,48,58,142)
4B5536D	Audi (24)
	Volkswagen (14,46,47,49,54)
4B5536P	Audi (24)
	Volkswagen (14,46,47,49,54)
4B5537D	Audi (25,74,75,76,77)
	Volkswagen (50,51,52,55,56,97,126,127,128)
4B5537P	Audi (25,74,75,76,77)
	Volkswagen (50,51,52,55,56,97,126,127,128)
4B5538D	Audi (26,27,51,52)
	Peugeot (25)
	Volkswagen (53,57,99,100,101,122,123,124,125)
4B5538P	Audi (26,27,51,52)
	Peugeot (25)
	Volkswagen (53,57,99,100,101,122,123,124,125)
4B5539D	Audi (20,40,42,78,88)
	Volkswagen (70,72,77,79,80,136)
4B5539P	Audi (40,78,88)



NUMERICAL LISTING - ENGINE GROUP

Conrod Bearing Set	
4B5539P	Volkswagen (70,72,77,79,80,136)
4B5542A	Audi (70,71,72)
	Volkswagen (12,17,18,20,21,22,26,27,28,29,150,151,152,153,167)
4B5544P	Audi (72)
	Volkswagen (25,26,159)
4B5555A	Volkswagen (144,145,146,147)
4B5570A	Skoda (1,2)
4B583A	Ford (114)
4B603A	Ford (45,46,51,116,121)
4B603H	Ford (45,46,51,73,116,121)
4B603HX	Ford (45,46,51,73,116,121)
4B603P	Ford (45,46,51,73,116,121)
4B610A	General Motors (25)
	Jeep (11)
4B7190A	Chrysler (17)
	Mitsubishi (6)
4B7267A	Ford (125)
4B7268A	Ford (54)
4B745A	General Motors (6,7,8,36,48,56)
4B7640A	Renault (34)
4B7700A	Peugeot (11,12,52)
4B7700H	Peugeot (11,12,52)
4B7700P	Peugeot (11,12,52)
4B7702A	Peugeot (52)
4B7706A	Peugeot (17)
4B7710A	Peugeot (19,22)
4B7712A	Peugeot (16,18,19,20,21,24,33,34,35,37)
	Renault (18)
4B7712H	Peugeot (16,18,19,20,21,24,33,34,35,37)
	Renault (18)
4B7712HX	Peugeot (16,18,19,20,21,24,33,34,35,37)
	Renault (18)
4B7716A	Peugeot (10)
4B7722P	Peugeot (9)
4B7730A	Peugeot (6,8,53)
4B7732A	Peugeot (36)
4B7735A	Peugeot (24)
4B7736A	Peugeot (15,26)
4B7736H	Peugeot (15,26)
4B7740A	Peugeot (13,14)
4B7740P	Peugeot (13,14)
4B7746A	Peugeot (10,27)
4B7747D	Ford (47)
	Peugeot (28,29)
	Volvo (14)
4B7747P	Ford (47)
	Peugeot (28,29)

Conrod Bearing Set	
	Volvo (14)
4B7750A	Ford (52)
	Peugeot (2,44,45,46)
4B7755A	Peugeot (47)
4B7755P	Peugeot (47)
4B7760D	Peugeot (48)
4B7760P	Peugeot (48)
4B7767A	Citroen (5)
	Peugeot (49)
4B7770D	Ford (34)
	Peugeot (39)
4B7770P	Citroen (4)
	Ford (34)
	Peugeot (39)
4B7775A	Ford (33)
	Peugeot (40)
	Volvo (19)
4B7775P	Ford (33)
	Peugeot (40)
	Volvo (19)
4B7800A	Renault (12,15)
4B7802A	Peugeot (51)
	Renault (12,15,25)
4B7805A	Renault (11,21)
4B7806A	Renault (12,15)
4B7816A	Opel (23,24,25)
	Renault (7,8,10,13,14,23)
	Volvo (9)
4B7816P	Opel (23,24,25)
	Renault (7,8,10,13,14,23)
	Volvo (9)
4B7820A	Renault (6,7,8,13,14,19,20,22)
	Volvo (10,12)
4B7820H	Renault (6,7,8,13,14,19,20,22)
	Volvo (10,12)
4B7820HX	Renault (6,7,8,13,14,19,20,22)
	Volvo (10,12)
4B7826A	Renault (1,2,16)
4B7830A	Renault (3,17)
4B7838A	Renault (12,15)
4B7845P	Renault (32)
4B7848P	Renault (28)
4B7849A	Renault (31)
4B7849P	Renault (31)
4B7860A	Renault (17)
4B7880P	Renault (29)
	Volvo (15)
4B7886P	Opel (26)
	Renault (33)
4B7891A	Peugeot (3,4,5,30,31,32)
4B7900A	Renault (4,5,26,40,41)
	Volvo (6,7)
4B7906A	Renault (26,41)
4B7907A	Renault (26)

Conrod Bearing Set	
4B7908A	Volvo (6)
4B7940P	Renault (35)
4B7941P	Peugeot (50)
	Renault (35,36,37,38)
4B8016A	Daihatsu (12)
4B8036A	Mitsubishi (19,43,44)
4B8036H	Mitsubishi (19,43,44)
4B8038A	Mitsubishi (19,44)
4B8050A	Mitsubishi (26)
4B8050H	Mitsubishi (26)
4B8050HX	Mitsubishi (26)
4B8101A	Renault (24)
4B8140A	Kia (4,10)
	Mazda (13,22)
4B8143A	Mazda (27,30)
4B8144A	Mazda (23,41)
4B8155A	Toyota (40)
4B8170A	Ford (4)
	Mazda (2)
4B8170H	Ford (4)
	Mazda (2)
4B8170HX	Ford (4)
	Mazda (2)
4B8172H	Mazda (10)
4B8172HX	Mazda (10)
4B8210A	Toyota (57)
4B8224A	BMW (16)
	Toyota (34)
4B8225A	BMW (16)
	Toyota (34)
4B8240A	Ford (16)
	Mazda (1,7,29)
4B8240P	Mazda (1,7,29)
4B8243A	Mazda (6)
4B8243P	Ford (17)
	Mazda (6)
4B8244A	Suzuki (4)
4B8280A	Toyota (83,88,94)
4B8281A	Toyota (77)
4B8285A	Toyota (3,83,87,88,94)
4B8290A	Subaru (12)
4B8291A	Subaru (1,2,10,11,16)
4B8296A	Subaru (4,5,14,15,17)
4B8296H	Subaru (4,5,14,15,17)
4B8296HX	Subaru (4,5,14,15,17)
4B8296P	Subaru (4,5,14,15,17)
4B8300A	Mazda (21)
4B8306A	Suzuki (6)
4B8310H	Subaru (6)
	Toyota (33)
4B8310HX	Subaru (6)
	Toyota (33)
4B8310P	Subaru (6)
	Toyota (33)
4B8320A	Subaru (4,5,14,15,17)
4B8320H	Subaru (4,5,14,15,17)
4B8320HX	Subaru (4,5,14,15,17)



NUMERICAL LISTING - ENGINE GROUP

Conrod Bearing Set	
4B8320P	Subaru (4,5,14,15,17)
4B8328A	Subaru (9)
4B8328P	Subaru (9)
4B8330A	Mazda (36)
4B8331A	Kia (1,2) Mazda (4,8,9,19,25,42)
4B8336A	Suzuki (1)
4B8336H	Suzuki (1)
4B8336HX	Suzuki (1)
4B8336P	Suzuki (1)
4B8340A	Suzuki (11)
4B8351A	Ford (78) Kia (3,9) Mazda (5,11,12,24,26)
4B8351H	Ford (78) Kia (3,9) Mazda (5,11,12,24,26)
4B8351HX	Ford (78) Kia (3,9) Mazda (5,11,12,24,26)
4B8360A	Toyota (85,86,102,116)
4B8364A	Toyota (45)
4B8365A	Toyota (20,69,86)
4B8366A	Toyota (82)
4B8366H	Toyota (82)
4B8366HX	Toyota (82)
4B8366P	Toyota (82)
4B8370A	Toyota (12,92,93)
4B8371A	Toyota (12,92)
4B8375A	Toyota (117)
4B8376A	Toyota (17,101)
4B8380A	Toyota (13)
4B8390A	Toyota (74)
4B8391A	Toyota (12,63)
4B8395A	Toyota (12,63,92)
4B8402A	Toyota (35)
4B8407A	Toyota (39)
4B8411A	Toyota (25)
4B8411H	Toyota (25)
4B8411HX	Toyota (25)
4B8414A	Toyota (11,84,101)
4B8419A	Toyota (6)
4B8420A	Toyota (7)
4B8425A	Daihatsu (2)
4B8428A	Toyota (37)
4B8430H	Suzuki (3)
4B8430HX	Suzuki (3)
4B8435P	Toyota (41)
4B8436A	Daihatsu (3) Toyota (36)
4B8440A	Suzuki (2)
4B8440H	Suzuki (2)
4B8440HX	Suzuki (2)
4B8441A	Suzuki (7)
4B8450A	Toyota (26)
4B8451A	Toyota (27)
4B8479A	Toyota (46)

Conrod Bearing Set	
4B8486A	Toyota (42)
4B8493A	Toyota (48,49)
4B8544A	Suzuki (16)
4B8547A	Mazda (46)
4B8550A	Mazda (16)
4B8560A	Isuzu (16)
4B8561A	Isuzu (17)
4B8564A	Mitsubishi (20)
4B8570A	Nissan (36)
4B8575A	Mitsubishi (3)
4B8576A	Mitsubishi (3)
4B8583A	Mitsubishi (25)
4B8589A	Mitsubishi (49)
4B8593A	Hyundai (9)
4B8595A	Hyundai (10)
4B8600A	Kia (6,7)
4B8700D	Mercedes Benz (35,43)
4B8700P	Mercedes Benz (35,43)
4B8716P	Mercedes Benz (14,15)
4B8717P	Mercedes Benz (16)
4B8720A	Mercedes Benz (13)
4B8720P	Mercedes Benz (13)
4B8721D	Mercedes Benz (46)
4B8721P	Mercedes Benz (46)
4B8736A	Mercedes Benz (38,39)
4B8740A	Mercedes Benz (22,24,30,44)
4B8741D	Mercedes Benz (23,25)
4B8741P	Mercedes Benz (23,25)
4B943A	Ford (113)
4B960A	American Motors (4) Jeep (2)
4B984A	Ford (25,26,44)
4B9920A	Rover (2)
4B9921A	Land Rover (3) Rover (3)
4B9950P	Land Rover (11) Rover (1)
4B9955	Jeep (1)
5B1048A	Fiat (31) Lancia (28)
5B1048P	Fiat (31) Lancia (28)
5B1076A	Audi (6,8,9,10,15,16,28,31,54,56) Volkswagen (103,104)
5B1076P	Audi (6,8,9,10,15,16,28,31,54,56) Volkswagen (103,104)
5B1606A	Audi (4,8,9,10,11,12,13,28,55,56) Volkswagen (61,102,103,104)
5B1606P	Audi (4,8,9,10,11,12,13,28,55,56) Volkswagen (61,102,103,104)
5B1636A	Audi (5,6,7,9,10,15,16,29,30) Volkswagen (59,60,103)
5B1636P	Audi (5,6,7,9,10,15,16,29,30)

Conrod Bearing Set	
	Volkswagen (59,60,103)
5B1943A	Honda (36)
5B2290A	General Motors (24)
5B2515A	Mercedes Benz (41)
5B2515P	Mercedes Benz (41)
5B2526P	Ssangyong (1)
5B2819P	Fiat (30) Lancia (17)
5B2822A	Fiat (32) Lancia (18)
5B2822P	Fiat (32) Lancia (18)
5B2830P	Alfa Romeo (21,24) Fiat (30) Lancia (14,16,17)
5B5530A	Volkswagen (130)
5B5534A	Audi (12,13) Volkswagen (61)
5B5534P	Audi (12,13) Volkswagen (61)
5B5536D	Volkswagen (105)
5B5536P	Volkswagen (105)
5B5538D	Volkswagen (149,156)
5B5538P	Volkswagen (149,156)
5B7880P	Renault (30) Volvo (16,18)
5B8396A	Toyota (108)
5B8700D	Mercedes Benz (36)
5B8700P	Mercedes Benz (36)
5B8736A	Mercedes Benz (40)
5B8740A	Mercedes Benz (27,31,45)
5B8741D	Mercedes Benz (26,32)
5B8741P	Mercedes Benz (26,32)
5B9950P	Land Rover (9)
6B1041P	Mercedes Benz (11)
6B1120P	Ford (99)
6B1131A	Leyland (10)
6B1140A	Hyundai (7) Mitsubishi (2)
6B1140H	Hyundai (7) Mitsubishi (2)
6B1140HX	Hyundai (7) Mitsubishi (2)
6B1150A	Mitsubishi (17)
6B1160A	Toyota (65,66,70,80)
6B1170A	Toyota (65,66,122,123)
6B1171A	Nissan (71,79)
6B1180A	Hyundai (15) Mitsubishi (36)
6B1210A	Hyundai (2)
6B1214A	Chrysler (20)
6B1227A	General Motors (50)
6B1230P	Mitsubishi (1,15)
6B1231P	Mitsubishi (28)
6B1238A	General Motors (11,12,23,49) Jeep (12)
6B1283A	Ford (8,92)



NUMERICAL LISTING - ENGINE GROUP

Conrod Bearing Set

6B1301P	Nissan (82,84)
6B1356P	Toyota (95,121)
6B1358A	General Motors (22)
6B1360A	Toyota (89,97)
6B1361A	Toyota (97,120)
6B1366P	Nissan (55,56)
6B1370A	Opel (17)
6B1370P	Opel (17)
6B1376A	Toyota (89)
6B1385A	Ford (107)
6B1387A	Chrysler (11)
6B1395P	BMW (14)
6B1410A	Chrysler (9,10)
6B1430A	Leyland (7)
6B1486A	BMW (1)
6B1490A	BMW (12)
6B1490H	BMW (12)
6B1490HX	BMW (12)
6B1490P	BMW (12)
6B1497H	BMW (5)
6B1497HX	BMW (5)
6B1506P	BMW (1)
6B1515H	BMW (24)
6B1515HX	BMW (24)
6B1516D	BMW (23)
6B1516P	BMW (23)
6B1536P	Mitsubishi (16)
6B1569H	BMW (26)
6B1569HX	BMW (26)
6B1579D	BMW (3,4,6,18,19,20)
	Opel (27)
	Rover (11)
6B1579P	BMW (3,6)
6B1630A	Nissan (70)
6B1630P	Nissan (70)
6B1641A	Ford (94)
6B1760P	Mazda (28)
6B1831P	Isuzu (54)
6B1839P	Isuzu (11)
6B1840A	Honda (34)
	Isuzu (43)
6B1860	Ford (106)
6B1861	Ford (82,106)
6B1886P	Isuzu (12,40,50)
6B1902A	Honda (7)
6B1935A	Honda (46,47)
6B1974A	Honda (29)
6B1994P	Honda (41)
6B1995P	Honda (24)
6B2100	Ford (103,104,108)
6B2150A	Ford (22,24,43,70,80,85,86,87,95,97,98,102,111,115,117)
6B2150H	Ford (22,24,43,70,80,85,86,87,95,97,98,102,111,115,117)

Conrod Bearing Set

6B2150HX	Ford (22,24,43,70,80,85,86,87,95,97,98,102,111,115,117)
6B2150P	Ford (22,24,43,70,80,85,86,87,90,95,97,98,102,111,115,117)
6B2270A	General Motors (21)
	Holden (5)
	Opel (16)
	Saab (1)
6B2270H	General Motors (21)
	Holden (5)
	Opel (16)
	Saab (1)
6B2270HX	General Motors (21)
	Holden (5)
	Opel (16)
	Saab (1)
6B2290A	General Motors (13)
6B2306A	General Motors (30,42)
6B2306H	General Motors (3,30,42)
	Holden (18,19,20)
6B2306HX	General Motors (3,30,42)
	Holden (18,19,20)
6B2306P	General Motors (3,30,42)
	Holden (18,19,20)
6B2310A	Bedford (4,5)
6B2330P	Bedford (7)
6B2336P	Bedford (7)
6B2351P	Bedford (8)
6B2360A	General Motors (1,3,41,42)
6B2360P	General Motors (1,3,41,42)
	Holden (18)
6B2366	Bedford (6)
6B2380	Holden (1,2)
6B2380H	Holden (1,2)
6B2380HX	Holden (1,2)
6B2389A	Nissan (80)
6B2390A	Nissan (22,23,50,88)
6B2390H	Nissan (22,23,50,61,88)
6B2390HX	Nissan (22,23,50,61,88)
6B2390P	Nissan (22,23,50,61,88)
6B2406A	Triumph/Standard (4)
6B2420A	Holden (22)
	Opel (6)
6B2430P	Chrysler (22)
6B2452H	Porsche (1)
6B2452HX	Porsche (1)
6B2500H	Nissan (33)
6B2510P	Mercedes Benz (3,53)
6B2526P	Mercedes Benz (2,48)
6B2538P	Nissan (42)
6B2630A	Nissan (24,48)
6B2630H	Nissan (24,48)
6B2630HX	Nissan (24,48)
6B2630P	Nissan (24,48)
6B2640A	Nissan (44)

Conrod Bearing Set

6B2640H	Nissan (44)
6B2640HX	Nissan (44)
6B2640P	Nissan (44)
6B2716P	Nissan (9,10,11)
6B2740P	Volvo (20)
6B2741P	Volvo (5)
6B2771P	Leyland (1,2,3,21)
6B2776P	Nissan (46)
6B2865A	Mercedes Benz (18,20,21)
6B2866P	Mercedes Benz (18,21)
6B2875P	Alfa Romeo (3,4)
	Fiat (9)
	Lancia (4)
6B2876P	Mercedes Benz (10,11,50)
6B2881P	Rover (13)
6B2886P	Mercedes Benz (6)
6B2930A	Nissan (17,86)
6B2955A	Nissan (19,43,62)
6B2955H	Nissan (19,43,62)
6B2955HX	Nissan (19,43,62)
6B2955P	Nissan (19,43,62)
6B2960A	Nissan (15)
6B2960H	Nissan (15,83)
6B2960HX	Nissan (15,83)
6B2960P	Nissan (15,83)
6B2966H	Nissan (45,59)
6B2966HX	Nissan (45,59)
6B2966P	Nissan (45,59)
6B2991	Jaguar (2,3)
6B4380A	Ford (36)
6B4395A	Ford (15)
	Jaguar (1)
	Mazda (48)
6B4500A	Ford (18,92)
6B5001A	Holden (13)
6B5500A	Leyland (1,3)
6B5502A	Opel (9)
6B5530A	Audi (60,61)
	Volkswagen (131,132)
6B5530H	Audi (60,61)
	Volkswagen (131,132)
6B5530HX	Audi (60,61)
	Volkswagen (131,132)
6B5534A	Volkswagen (138)
	Volvo (13)
6B5534P	Volkswagen (138)
	Volvo (13)
6B5546A	Audi (86,90)
	Volkswagen (157)
6B5546P	Audi (85)
	Volkswagen (157)
6B5568A	Volkswagen (163)
6B606A	Chrysler (20,21)
6B610A	General Motors (2,40,44)
	Jeep (3)
6B663A	Bedford (3)
	General Motors (55)



NUMERICAL LISTING - ENGINE GROUP

Conrod Bearing Set	
6B699A	Ford (93,100)
6B7170A	Chrysler (6)
6B7200A	Chrysler (1)
	Jeep (7)
6B7201A	Chrysler (1)
	Jeep (7)
6B7230A	General Motors (33)
6B7231A	General Motors (31,32)
6B723A	Ford (76,77,88,118,119,120)
6B7310A	Chrysler (7,8)
6B7315A	Chrysler (8,18)
6B745A	General Motors (26,52)
6B7880P	Volvo (8)
6B7971A	Toyota (96,125)
6B7986A	Toyota (72)
6B7990A	Toyota (109)
6B7990H	Toyota (109)
6B7990HX	Toyota (109)
6B7990P	Toyota (109)
6B8040A	Toyota (23)
6B8060A	Toyota (75)
6B8061A	Toyota (21,22,76)
6B8100A	Toyota (61)
6B8100H	Toyota (61)
6B8100HX	Toyota (61)
6B8100P	Toyota (61)
6B8146A	Mazda (15,31)
6B8149A	Mazda (17,32)
6B8262A	Toyota (52)
6B8270A	Subaru (8)
6B8306A	Suzuki (8,15)
6B8350A	Mazda (17,32)
6B8381A	Toyota (10)
6B8396A	Toyota (5,105,106)
6B8396H	Toyota (5,105,106)
6B8396HX	Toyota (5,105,106)
6B8466A	Toyota (28)
6B8466H	Toyota (28)
6B8466HX	Toyota (28)
6B8470A	Toyota (43,53)
6B8471A	Toyota (44,53,62)
6B8471P	Toyota (44,53,62)
6B8472A	Toyota (62)
6B8472P	Toyota (62)
6B8493A	Toyota (50,51)
6B8700D	Mercedes Benz (37)
6B8700P	Mercedes Benz (37)
6B8724P	Mercedes Benz (5)
6B8730P	Mercedes Benz (52)
6B8734P	Mercedes Benz (12,50)
6B8740A	Mercedes Benz (28,33)
6B8741D	Mercedes Benz (29,34)
6B8741P	Mercedes Benz (29,34)
6B960A	American Motors (3)
	Jeep (6,16)
8B1227H	Ford (109)
8B1227HX	Ford (109)

Conrod Bearing Set	
8B1286A	General Motors (18)
8B1327P	Ford (12)
8B1442A	Ford
	(9,10,14,19,20,21,30,41,42,84)
8B1442H	Ford
	(9,10,14,19,20,21,30,41,42,84)
8B1442HX	Ford
	(9,10,14,19,20,21,30,41,42,84)
8B1442P	Ford
	(9,10,14,19,20,21,30,41,42,84)
8B1458P	BMW (21)
8B1633P	Ford (123)
8B1808A	Chrysler (2,16)
	Jeep (9)
8B1808H	Chrysler (2,16)
	Jeep (9)
8B1808HX	Chrysler (2,16)
	Jeep (9)
8B1808P	Chrysler (2,16)
	Jeep (9)
8B2356H	Holden (3)
8B2356HX	Holden (3)
8B2356P	Holden (3)
8B2570P	Nissan (40)
8B2990A	Nissan (35)
8B2990H	Nissan (35)
8B2990HX	Nissan (35)
8B2990P	Nissan (35)
8B481A	Chrysler (19,25,26)
	Jeep (13,14)
8B481H	Chrysler (19,25,26)
	Jeep (13,14)
8B481HX	Chrysler (19,25,26)
	Jeep (13,14)
8B481P	Chrysler (19,25,26)
	Jeep (13,14)
8B527A	Chrysler (12,13,27)
8B527HD	Chrysler (12,13,27)
8B527HDX	Chrysler (12,13,27)
8B542A	General Motors (63)
8B610A	General Motors
	(4,27,39,43,45)
	Jeep (5)
	Land Rover (4)
	Leyland (19)
	Rover (8)
	Triumph/Standard (5)
8B634A	Ford (23)
8B634H	Ford (23)
8B634HD	Ford (23)
8B634HX	Ford (23)
8B634HDX	Ford (23)
8B634P	Ford (23)

Conrod Bearing Set	
8B663A	General Motors
	(14,15,17,19,51)
	Holden (8,28)
	HSV (1)
8B663H	General Motors
	(14,15,17,19,51)
	Holden (8,21,28)
	HSV (1,2)
8B663HD	General Motors
	(14,15,17,19,51)
	Holden (8,21,28)
	HSV (1,2)
8B663HX	General Motors
	(14,15,17,19,51)
	Holden (8,21,28)
	HSV (1,2)
8B663HDX	General Motors
	(14,15,17,19,51)
	Holden (8,21,28)
	HSV (1,2)
8B663P	General Motors
	(14,15,17,19,51)
	Holden (8,21,28)
	HSV (1,2)
8B684A	General Motors
	(59,60,61,62,64)
8B7206A	Chrysler (23)
	Jeep (8)
8B7210A	Chrysler (23)
	Jeep (8)
8B7210AO/S2	Chrysler (23)
	Jeep (8)
8B7255A	Ford (35)
8B7260A	Ford (37)
8B7270P	Ford (68)
8B7271P	Ford (69)
8B7280A	General Motors (38)
8B743A	General Motors (20,46,47)
8B743H	General Motors (20,46,47)
8B743HD	General Motors (20,46,47)
8B743HX	General Motors (20,46,47)
8B743HDX	General Motors (20,46,47)
8B743P	General Motors (20,46,47)
8B745A	General Motors (16,53,54)
8B745H	General Motors (16,53,54)
8B745HD	General Motors (16,53,54)
8B745HX	General Motors (16,53,54)
8B745HDX	General Motors (16,53,54)
8B745P	General Motors (16,53,54)
8B758P	General Motors (57,58)
8B760A	Ford (39,40)
8B8091H	Toyota (54,55)
8B8091HX	Toyota (54,55)
8B8091P	Toyota (54,55)
8B818A	Ford (101)
8B818H	Ford (101)
8B818P	Ford (101)
8B8250P	Toyota (30)



NUMERICAL LISTING - ENGINE GROUP

Conrod Bearing Set

8B831A	Ford (110)
8B831P	Ford (110)
8B8704P	Mercedes Benz (8)
8B8705P	Mercedes Benz (8,49)
8B8706P	Mercedes Benz (9)
8B8724P	Mercedes Benz (54)
8B927A	Ford (11,91,109)
8B927H	Ford (11,91,109)
8B927P	Ford (11,91,109)
8B960A	American Motors (1)
	Jeep (4)
8B9965P	Land Rover (5)
	Rover (9)

Main Bearing Set

1M2407P	Triumph/Standard (4,6)
1M2505H	Nissan (28,33)
1M2884A	Alfa Romeo (20,21,22)
	Lancia (15,16)
1M8702D	Mercedes Benz (35,36,37,43)
1M8702P	Mercedes Benz (35,36,37,43)
3M1031A	Alfa Romeo (19)
3M1065A	Alfa Romeo (9)
3M1142A	Mitsubishi (13)
3M1367A	Nissan (52,53)
3M1372A	Opel (22)
3M1649A	Ford (60,61)
3M1692A	Toyota (81)
3M1757A	Mazda (43,45)
3M1815A	Ford (75)
3M1991A	Honda (44)
3M1992A	Honda (44)
3M2152P	Ford (121,122)
3M2202P	Leyland (5,14)
3M2203P	Leyland (11,12,14,16)
3M2204P	Leyland (9,12,13,15)
3M2205P	Leyland (9)
3M2215A	Leyland (17)
	Nissan (68,74)
3M2254A	Leyland (4)
3M2407A	Triumph/Standard (6)
3M2637A	Nissan (75,76)
3M2692P	Land Rover (7,8)
	Rover (12)
3M2805A	Fiat (44)
3M2807A	Fiat (43,44)
	Lancia (24)
3M2932A	Nissan (38)
3M2967A	Nissan (63)
3M2977A	Toyota (68)
3M2984A	Toyota (68)
3M2987A	Toyota (24,68,73)
3M3161A	Renault (34)
3M3284	Leyland (20)
	Triumph/Standard (3)
3M3427P	Leyland (16)
3M4302	Leyland (8)

Main Bearing Set

3M5123A	Bedford (1)
	Holden (14,16)
	Vauxhall (2,3)
3M5556A	Volkswagen (145)
3M5573A	Skoda (1,2)
3M8011A	Daihatsu (5)
3M8015A	Daihatsu (5)
3M8043A	Daihatsu (10)
3M8292A	Subaru (10,11,16)
3M8293A	Subaru (1,11)
3M8294A	Subaru (2,12)
3M8318A	Subaru (7)
3M8578A	Mitsubishi (21,22)
3M8580A	Mitsubishi (22,23)
3M8727P	Mercedes Benz (51)
3M9958A	Jeep (1)
4M1122A	Ford (6)
4M1149A	Hyundai (7)
	Mitsubishi (2,17)
4M1149H	Hyundai (7)
	Mitsubishi (2,17)
4M1149HX	Hyundai (7)
	Mitsubishi (2,17)
4M1183A	Hyundai (15)
	Mitsubishi (36)
4M1215A	Hyundai (2)
4M1233A	Mitsubishi (28)
4M1267A	Daewoo (5)
4M1367A	Nissan (55,56)
4M1419A	Chrysler (20)
4M1454A	General Motors (22,50)
4M1494A	General Motors (49)
	Jeep (12)
4M1642A	Ford (94)
4M1642A+015	Ford (94)
4M1657P	Ford (88)
4M1701A	Chrysler (11)
4M1702A	Ford (107)
4M1782A	Ford (8)
4M1842A	Honda (34)
	Isuzu (43)
4M1903A	Honda (7)
4M1933A	Honda (47)
4M1934A	Honda (46)
4M1939P	Bedford (8)
4M1975A	Honda (29)
4M1989A	Honda (48)
4M1996A	Honda (24,37,41)
4M2006A	Ford (76,77,119)
4M2010A	Chrysler (9)
4M2022A	General Motors (3,30)
4M2037A	General Motors (11,12,49)
	Jeep (12)
4M2126A	Ford (43,115,117)
4M2273A	General Motors (21)
	Holden (5)
	Opel (16)

Main Bearing Set

	Saab (1)
4M2273H	General Motors (21)
	Holden (5)
	Opel (16)
	Saab (1)
4M2273HX	General Motors (21)
	Holden (5)
	Opel (16)
	Saab (1)
4M2299A	Holden (19,20)
4M2302A	General Motors (3,30,42)
	Holden (18)
4M2309A	General Motors (3,30)
	Holden (18)
4M2333P	Holden (18)
4M2334	Holden (18)
4M2335P	Holden (19,20)
4M2362P	Holden (18)
4M2407A	Triumph/Standard (4)
4M2425A	Opel (20)
4M2505H	Nissan (28,33)
4M2539A	Nissan (42)
4M2605A	Mercedes Benz (47)
	Smart (1)
4M2633A	Nissan (24,44)
4M2633A+4T	Nissan (24,44)
4M2633H	Nissan (24,44)
4M2633HX	Nissan (24,44)
4M2633P	Nissan (24,44)
4M2653A	Nissan (20)
4M2737A	Nissan (22)
4M2737H	Nissan (20,21,22,23,50,61)
4M2737HX	Nissan (20,21,22,23,50,61)
4M2737P	Nissan (22,61)
4M2777A	Nissan (20,21,23)
4M2777P	Nissan (20,21,23,50)
4M2780A	Nissan (20,21,23,50)
4M2874P	Alfa Romeo (3,4)
	Fiat (9)
	Lancia (4)
4M2878P	Mercedes Benz (10,11,50)
4M2887A	Mercedes Benz (53)
4M3084A	Holden (13)
4M4382A	Ford (36)
4M4382A+2T	Ford (36)
4M517A	Chrysler (20,21)
4M5547P	Audi (84,85)
	Volkswagen (157)
4M5548P	Audi (84,85)
	Volkswagen (157)
4M5549A	Audi (86)
4M5552A	Audi (67)
	Volkswagen (140)
4M5564A	Opel (6,9)
4M7172A	Chrysler (6)
4M7172A+2T	Chrysler (6)
4M7182A	Chrysler (7,8)



NUMERICAL LISTING - ENGINE GROUP

Main Bearing Set	
4M7182A+2T	Chrysler (7,8)
4M7189A	General Motors (23)
4M7214A	Chrysler (1)
	Jeep (7)
4M7214A+2T	Chrysler (1)
	Jeep (7)
4M7234A	General Motors (31)
4M7262A	Ford (15)
	Jaguar (1)
	Mazda (48)
4M7278A	Chrysler (10)
4M7295A	Ford (18,92)
4M7316A	Chrysler (18)
4M7972A	Toyota (125)
4M7982A	Toyota (96,125)
4M7987A	Toyota (72)
4M8009A	Daihatsu (6,7,13)
4M8011A	Daihatsu (6,7)
4M8019A	Daihatsu (9)
4M8025A	Daihatsu (1,13)
4M8063A	Toyota (22,23,76)
4M8070A	Toyota (21,75)
4M8126A	Daihatsu (4)
4M8147A	Mazda (31,32)
4M8245A	Suzuki (4)
4M8263A	Toyota (52)
4M8271A	Subaru (8)
4M8307A	Suzuki (15)
4M8326A	Subaru (3,13)
4M8337A	Suzuki (12)
4M8338A	Suzuki (17)
4M8352A	Mazda (15,17)
4M8355A	Suzuki (5,10,14)
4M8379A	Toyota (10)
4M8424A	Toyota (38)
4M8468A	Toyota (28)
4M8468H	Toyota (28)
4M8468HX	Toyota (28)
4M8542A	Suzuki (9)
4M8545A	Suzuki (8)
4M8584A	Mitsubishi (24)
4M860A	Ford (88,118,119,120)
4M8725A	Mercedes Benz (5)
4M960A	General Motors (1,2,3,41,42,44)
	Jeep (3)
4SM2222H	Holden (18,19,20)
4SM2222HX	Holden (18,19,20)
5M1010A	Ford (91,109)
5M1010H	Ford (91,109)
5M1010HX	Ford (91,109)
5M1010P	Ford (91,109)
5M1020A	Fiat (33)
	Lancia (19)
5M1028A	Fiat (8,40,41)
	Lancia (3,23)
5M1038A	General Motors (51)

Main Bearing Set	
5M1038H	General Motors (51)
5M1038HX	General Motors (51)
5M1039A	Ford (101)
5M1039H	Ford (101)
5M1039HX	Ford (101)
5M1039P	Ford (101)
5M1041A	American Motors (1,2)
	Jeep (4)
5M1050A	General Motors (8)
5M1051A	Chrysler (26)
5M1053A	Alfa Romeo (10,11,12,13,14)
	Fiat (10,11,12,35,42)
	Lancia (2,20,27)
5M1084A	Ford (113)
5M1091A	Alfa Romeo (8)
	Jeep (15)
5M1093A	Alfa Romeo (7)
5M1102A	Toyota (71,79)
5M1103A	Toyota (14,29,71)
5M1112H	Alfa Romeo (1,2)
5M1112P	Alfa Romeo (1,2)
5M1117A	Ford (26,44)
5M1117H	Ford (26,44)
5M1117HX	Ford (26,44)
5M1117P	Ford (26,44)
5M1122A	Ford (83,89)
5M1124A	Hyundai (11)
	Mitsubishi (4,10,11)
5M1132A	Leyland (18)
5M1137A	Mitsubishi (14,30,48)
5M1139A	Mitsubishi (30,33)
5M1143A	Mitsubishi (30,33)
5M1144A	Hyundai (8)
	Mitsubishi (8,12,18,29,31,32,34,35,42,47,52,53)
5M1144H	Hyundai (8)
	Mitsubishi (8,12,18,29,31,32,34,35,42,47,52,53)
5M1144HX	Hyundai (8)
	Mitsubishi (8,12,18,29,31,32,34,35,42,47,52,53)
5M1147A	Mitsubishi (8,12,18,29,31,32,35,42,47,53)
5M1157A	Mazda (14)
5M1167A	Mazda (35,42)
5M1172A	Nissan (25)
5M1176A	Nissan (26,85)
5M1186A	Hyundai (12)
	Mitsubishi (41,42,47,52,53)
5M1186H	Hyundai (12)
	Mitsubishi (41,42,47,52,53)
5M1186HX	Hyundai (12)
	Mitsubishi (41,42,47,52,53)
5M1188A	Isuzu (44,46,47)

Main Bearing Set	
5M1193A	Isuzu (44,47)
5M1197P	Mitsubishi (9,50)
5M1198P	Hyundai (3)
	Mitsubishi (5,37,38,39,40,46)
5M1199P	Mitsubishi (5)
5M1202A	Hyundai (1)
5M1204A	Hyundai (5)
5M1213A	Hyundai (12)
	Mitsubishi (41,42,47,52,53)
5M1217A	Hyundai (8)
	Mitsubishi (8,18,29,31,34,35,42,47,52,53)
5M1218A	Hyundai (1)
5M1219A	Hyundai (14)
	Mitsubishi (41,47,53,54)
5M1219H	Mitsubishi (41,47,53,54)
5M1219HX	Mitsubishi (41,47,53,54)
5M1224A	Nissan (47)
5M1227A	Mitsubishi (3,48)
5M1228A	Mitsubishi (41,47,52,53)
5M1237H	Mitsubishi (7)
5M1237HX	Mitsubishi (7)
5M1238A	Mitsubishi (8,12,18,29,31,32,35,42,47,53)
5M1239A	Mitsubishi (14,30,48)
5M1247A	Nissan (85)
5M1252A	Hyundai (13)
5M1258A	Hyundai (6)
5M1258A+2T	Hyundai (6)
5M1259A	Hyundai (6)
5M1259A+2T	Hyundai (6)
5M1266A	Chrysler (26)
	Jeep (14)
5M1267A	Daewoo (3)
	General Motors (29)
5M1295H	Hyundai (4)
5M1295HX	Hyundai (4)
5M1298A	Nissan (39)
5M1322A	Isuzu (45,48)
5M1338A	Daewoo (4)
	Holden (4,11,17)
	Opel (1,2)
5M1342A	Opel (7,13)
5M1344A	Chrysler (25)
	Jeep (13)
5M1347P	Bedford (2)
	Vauxhall (1)
5M1362A	Toyota (67,98,119)
5M1369A	Nissan (52,53,54)
5M1382A	Daihatsu (8,11,14)
5M1392A	Daihatsu (8,14)
5M1397A	BMW (11)
5M1415A	General Motors (27)
5M1424A	General Motors (5)
5M1427P	Daihatsu (11)



NUMERICAL LISTING - ENGINE GROUP

Main Bearing Set

5M1429A	General Motors (5)
5M1432A	Ford (11,110)
5M1432H	Ford (11,110)
5M1432HX	Ford (11,110)
5M1433A	Leyland (6)
5M1438A	Nissan (7)
5M1439A	Nissan (87)
5M1442A	Fiat (7,36,38,39,47,50,51)
	Lancia (21,22)
5M1455A	Ford (45)
5M1457A	General Motors (4,45)
	Jeep (5)
5M1459A	BMW (21)
5M1518P	BMW (22)
5M1524A	General Motors (6)
5M1532A	BMW (9,10,17)
	Land Rover (10)
	Rover (4)
5M1532P	BMW (9,10,17)
	Land Rover (10)
	Rover (4)
5M1533A	Chrysler (3,5)
5M1538A	BMW (8)
5M1538H	BMW (8)
5M1538HX	BMW (8)
5M1538P	BMW (8)
5M1548A	BMW (2)
5M1557A	Ford (74)
5M1563P	General Motors (18)
5M1567A	General Motors (56)
5M1568A	American Motors (4)
	Jeep (2)
5M1596A	Ford (12,123)
5M1596P	Ford (12)
5M1618P	BMW (15)
5M1623A	Nissan (6)
5M1627A	Mazda (33,34,44)
5M1629A	Ford (31,114)
5M1633A	Nissan (16,36,49,65,66,67)
5M1633H	Nissan (16,36,49,65,66,67)
5M1633HX	Nissan (16,36,49,65,66,67)
5M1633P	Nissan (16,36,49,65,66,67)
5M1643A	Audi (1,14,22,37,44,45,46,47,48,49,50,63,65,80,81,82)
	Volkswagen (1,5,6,8,9,30,32,37,40,41,85,86,87,88,89,90,91,92,93,94,95,96,134,143)
5M1643P	Audi (1,14,22,37,44,45,46,47,48,49,50,63,65,80,81,82)
	Volkswagen (1,9,30,32,37,40,41,85,86,87,88,89,90,91,92,93,94,95,96,134,143)

Main Bearing Set

5M1644A	Audi (1,2,3,14,22,32,33,34,35,45,46,47,49,58,59,65,80,81,87,88,89)
	Volkswagen (43,62,63,64,65,66,67,68,69,70,71,72,74,75,76,85,86,87,88,89,90,91,92,93,94,95,96,97,98,106,107,108,109,113,134,164,165)
5M1644H	Audi (1,2,3,14,22,32,33,34,35,45,46,47,49,58,59,65,80,81,87,88,89)
	Volkswagen (43,62,63,64,65,66,67,68,69,70,71,72,74,75,76,85,86,87,88,89,90,91,92,93,94,95,96,97,98,106,107,108,109,113,134,164,165)
5M1644HX	Audi (1,2,3,14,22,32,33,34,35,45,46,47,49,58,59,65,80,81,87,88,89)
	Volkswagen (43,62,63,64,65,66,67,68,69,70,71,72,74,75,76,85,86,87,88,89,90,91,92,93,94,95,96,97,98,106,107,108,109,113,134,164,165)
5M1645A	Audi (46)
	Volkswagen (9,30,32,37,41,87,88,89,90,91,92,93,143)
5M1648A	Audi (63,64)
	Volkswagen (4,10,11,13,20,21,25,167)
5M1653A	Audi (2,17,20,23,24,25,37,40,42,68,69,73,74,75,78,87,88,89)
	Volkswagen (14,15,24,31,33,34,35,36,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,58,65,71,72,73,74,75,76,77,79,80,82,107,108,109,113,125,135,142,166,167)
5M1653P	Audi (2,17,23,24,25,36,37,38,40,43,68,69,73,74,75,78,81,87,88,89)
	Volkswagen (14,15,24,31,33,34,35,36,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,58,65,71,72,73,74,75,76,77,79,80,82,107,108,109,125,135,142,166,167)
5M1654A	Audi (14,44,47,50,80,81,82)
	Volkswagen (1,2,3,5,6,8,9,30,32,33,34,35,37,38,40,41,58,87,88,89,90,91,92,93,143)
5M1654P	Audi (14,44,47,50,80,81,82)

Main Bearing Set

	Volkswagen (1,9,30,32,37,40,41,87,88,89,90,91,92,93,143)
5M1664A	Ford (1,2)
5M1668A	Audi (2,17,18,19,20,21,36,37,38,39,40,43,78,79,83,89)
	Volkswagen (67,68,73,74,75,76,77,78,79,81,82,83,84,108,110,111,112,113,114,115,116,117,136,160,161,162,164,166)
5M1675A	Audi (63,64)
	Volkswagen (1,2,7,8,11,38)
5M1677A	Ford (47)
	Peugeot (6,7,8,9,10,27,28,29,38,53)
	Rover (7)
	Volvo (14)
5M1678A	Ford (1,2,63)
5M1689A	Toyota (8,15,16,103)
5M1695A	Toyota (1,2,32,78,124)
5M1695H	Toyota (1,2,32,78,124)
5M1695HX	Toyota (1,2,32,78,124)
5M1697A	Toyota (56,90)
5M1699A	Toyota (9,90)
5M1703A	Toyota (110,111,113)
5M1704A	Toyota (78,91)
5M1705A	Toyota (111,112,113,114,115)
5M1706A	Ford (27,28,112)
5M1707P	Audi (62)
5M1715A	Toyota (18,19)
5M1718A	Toyota (15,16)
5M1724A	Nissan (2)
5M1727A	Toyota (104,118)
5M1728A	Toyota (64,100,104,118)
5M1733A	General Motors (25,48)
	Jeep (11)
5M1737A	Mitsubishi (10,11,51)
5M1743A	Ford (25,26)
5M1743H	Ford (25,26)
5M1743HX	Ford (25,26)
5M1743P	Ford (25,26)
5M1747P	Mazda (38,39)
5M1748A	Kia (8)
	Mazda (40)
5M1777A	Mazda (23,41)
5M1778P	Mitsubishi (27,45)
5M1787A	Toyota (83,99,117)
5M1815A	Ford (72)
5M1817A	Isuzu (25)
5M1819A	Isuzu (26,27)
	Opel (14,15)
5M1824A	Honda (35)
	Isuzu (39)
5M1837A	Isuzu (1,15,28,52,53)
5M1837P	Isuzu (1,15,28,52,53)



NUMERICAL LISTING - ENGINE GROUP

Main Bearing Set	
5M1844A	Isuzu (3,22,23)
5M1847A	Isuzu (23)
5M1847P	Isuzu (23)
5M1848A	Isuzu (21,24,31,32)
5M1848P	Isuzu (21,24,31,32)
5M1852A	Toyota (4,107)
5M1853A	Toyota (58,60)
5M1857A	Toyota (59)
5M1857H	Toyota (59)
5M1857HX	Toyota (59)
5M1864A	Ford (81)
5M1867A	Isuzu (7,8,19)
5M1869A	Isuzu (8,19)
5M1882A	Isuzu (38)
5M1883A	Isuzu (2,4)
5M1884A	Isuzu (22,23)
5M1884P	Isuzu (22,23)
5M1885A	Isuzu (20,21,31,32,49)
5M1885P	Isuzu (20,21,31,32)
5M1887A	Isuzu (31,32,49)
5M1887P	Isuzu (31,32,49)
5M1892A	Isuzu (10)
5M1893A	Isuzu (6,18,29,30)
5M1894A	Isuzu (20,21,31,32)
5M1894P	Isuzu (20,21,31,32)
5M1909A	Honda (30)
5M1913H	Honda (14)
5M1913HX	Honda (14)
5M1913P	Honda (14)
5M1928A	Honda (8)
5M1932A	Honda (9,10,11,26,33,43,45)
5M1937A	Honda (15,16,18,19)
5M1947A	Honda (1,13,15,16,18,19,25,39,40,42)
5M1948A	Jeep (2)
5M1952A	Honda (13,25,40,42)
5M1957A	Honda (5,6,12,17,19,22,28)
5M1957H	Honda (5,6,12,17,19,22,27,28)
5M1957HX	Honda (5,6,12,17,19,22,27,28)
5M1957P	Honda (5,6,12,17,19,22,27,28)
5M1959A	Honda (2,3,4,20,21,31,38)
5M1959H	Honda (2,3,4,20,21,31,38)
5M1959HX	Honda (2,3,4,20,21,31,38)
5M1959P	Honda (2,3,4,20,21,31,38)
5M1979A	Honda (23)
5M1984A	Honda (32)
5M2007A	Ford (21,41,84)
5M2009A	General Motors (37)
5M2015H	Saab (4,5)
5M2015P	Saab (4,5)
5M2018P	Saab (3)
5M2028A	Chrysler (24)
5M2034P	Ford (123)

Main Bearing Set	
5M2056A	General Motors (34)
5M2091P	General Motors (18)
5M2104A	Ford (3,96)
5M2109P	Ford (91,109)
5M2134A	Kia (5)
	Mazda (27,30,37)
5M2152A	Ford (46,51,73,116)
5M2152H	Ford (32,46,51,73,116)
5M2152HX	Ford (32,46,51,73,116)
5M2152P	Ford (32,46,51,73,116)
5M2154A	Ford (55,57)
5M2155A	Ford (55,56)
5M2155P	Ford (55,56)
5M2167A	Ford (7,49,50,71,79,105)
5M2167H	Ford (7,49,50,71,79,105)
5M2167HX	Ford (7,49,50,71,79,105)
5M2167P	Ford (7,49,50,71,79,105)
5M2217A	General Motors (43)
	Land Rover (4)
	Rover (8)
	Triumph/Standard (5)
5M2220A	Chrysler (2)
	Jeep (9)
5M2220H	Chrysler (2)
	Jeep (9)
5M2220HX	Chrysler (2)
	Jeep (9)
5M2224A	General Motors (10)
5M2227	Leyland (19)
5M2232A	General Motors (9)
	Holden (12)
	Opel (8)
	Saab (2)
5M2255A	Leyland (4)
5M2276A	Ford (48,124)
5M2293A	Daewoo (2)
	Holden (7,9,10,15,23)
	Opel (3,10,29)
	Vauxhall (4)
5M2307P	Holden (25)
5M2325A	Daewoo (1)
	Holden (6,27)
	Isuzu (9)
	Opel (4,5,28)
5M2327A	Daewoo (2)
	General Motors (28)
	Holden (7,10,11,15,23,24,26)
	Opel (3,10,29)
	Vauxhall (4)
5M2329A	Daewoo (2)
	General Motors (28)
	Holden (7,10,11,15,23,24)
	Opel (3,10,29)
	Vauxhall (4)
5M2354	Holden (3)
5M2357	Holden (3)
5M2357H	Holden (3,21)

Main Bearing Set	
5M2357HX	Holden (3,21)
5M2413P	Opel (5,28)
5M2425A	Opel (21)
5M2514P	Mercedes Benz (42)
5M2519A	Mercedes Benz (7,38,39,40,41)
5M2519P	Mercedes Benz (7,38,39,40,41)
5M2524A	Mercedes Benz (1)
5M2557	Triumph/Standard (1)
5M2597P	Nissan (40)
5M2627A	Nissan (1)
5M2628A	Nissan (14)
5M2628A+2T	Nissan (14)
5M2635A	Nissan (41)
	Renault (39)
5M2665A	Nissan (37)
5M2678A	Nissan (27)
5M2694P	Land Rover (1,2,7,8)
	Rover (12)
5M2698A	Land Rover (1,2,6)
	Rover (10)
5M2698P	Land Rover (1,2,6)
	Rover (10)
5M2715A	Chrysler (26)
5M2727A	Volvo (4,22)
5M2729A	Volvo (4,22)
5M2734A	Peugeot (1,2,44,45)
5M2742A	Volvo (1,2,3,21)
5M2742P	Volvo (1,2,3,21)
5M2747A	Nissan (77)
5M2749A	Nissan (60,78,81)
5M2757A	Nissan (60,78,81)
5M2759A	Nissan (73)
5M2769A	Nissan (5)
5M2775A	Nissan (13,30,69)
5M2797A	Peugeot (24,54)
	Rover (6)
5M2797H	Peugeot (24,54)
	Rover (6)
5M2797HX	Peugeot (24,54)
	Rover (6)
5M2797P	Peugeot (24,54)
	Rover (6)
5M2809A	Isuzu (13,35)
5M2817A	Isuzu (5,13,14,33,34,35)
5M2826A	Alfa Romeo (17)
	Fiat (6,13,14,15,16,17,18,19,20,21,22,23,24)
	Lancia (5,6,7,8,9)
5M2834A	Alfa Romeo (15,16,18)
	Fiat (1,2,3,4,5,25,48,49)
	Lancia (1,10,11,12,29)
5M2867P	Mercedes Benz (55)
5M2869P	Mercedes Benz (55)
5M2870P	Mercedes Benz (19)



NUMERICAL LISTING - ENGINE GROUP

Main Bearing Set	
5M2873A	Mercedes Benz (1,4,22,23,30,44)
5M2884A	Alfa Romeo (20,22)
	Fiat (27)
	Lancia (15)
5M2885A	Fiat (26)
	Lancia (13,14)
5M2894A	Fiat (37)
	Opel (18)
5M2895A	Opel (19)
5M2905A	Nissan (29,31)
5M2905H	Nissan (29,31)
5M2905HX	Nissan (29,31)
5M2908H	Alfa Romeo (15,16,18)
	Fiat (1,2,3,4,5,25,48,49)
	Lancia (1,10,11,12,29)
5M2908HX	Alfa Romeo (15,16,18)
	Fiat (1,2,3,4,5,25,48,49)
	Lancia (1,10,11,12,29)
5M2915P	Nissan (4)
5M2918A	Mini (1)
5M2949A	Nissan (3)
5M2964A	Nissan (34)
5M2964H	Nissan (34)
5M2964HX	Nissan (34)
5M2964P	Nissan (34)
5M2965A	Nissan (12,51,57,58)
5M2965H	Nissan (12,27,51,57,58)
5M2965HX	Nissan (12,27,51,57,58)
5M2967A	Nissan (64)
5M2975H	Nissan (18)
5M2975HX	Nissan (18)
5M2995A	Nissan (35)
5M2995H	Nissan (35)
5M2995HX	Nissan (35)
5M2995P	Nissan (35)
5M3036A	Fiat (46)
	Lancia (25)
5M3037A	Fiat (46)
	Lancia (25)
5M3041A	Alfa Romeo (25)
	Fiat (45)
	Lancia (26)
5M3044A	Alfa Romeo (25)
	Fiat (45)
	Lancia (26)
5M3045A	Alfa Romeo (25)
	Fiat (45)
	Lancia (26)
5M3064A	Citroen (1,3)
	Fiat (34)
	Peugeot (41,42,43)
5M3065A	Peugeot (41,42)
5M429A	General Motors (16,53,54)
5M429H	General Motors (16,53,54)
5M429HX	General Motors (16,53,54)
5M4372A	Chrysler (24)

Main Bearing Set	
5M4375A	Ford (50,71)
5M4378A	Ford (62)
5M4386A	Ford (64)
5M483A	General Motors (57)
5M496A	General Motors (57)
5M5287A	Opel (11,12)
5M540A	Chrysler (19,25)
5M5466A	Ford (113)
5M5507A	Ford (65,66,67)
5M5533A	Audi (41,79)
	Volkswagen (78,129)
5M5540A	Audi (26,27,51,52,76,77)
	Volkswagen (55,57,99,100,101,122,123,124,125,126,127,128,148)
5M5540P	Audi (26,27,51,52,76,77)
	Volkswagen (55,57,99,100,101,122,123,124,125,126,127,128,148)
5M5543A	Audi (70,71,72)
	Volkswagen (12,14,15,16,17,18,19,20,21,22,23,24,26,27,28,29,144,146,147,150,151,167)
5M5645H	Ford (30)
5M5645HX	Ford (30)
5M5647A	Ford (10,20,21,42)
5M5647H	Ford (10,20,21,42)
5M5647HX	Ford (10,20,21,42)
5M590A	Ford (23)
5M590H	Ford (23)
5M590HX	Ford (23)
5M590P	Ford (23)
5M6162	Commer (1)
5M7124A	General Motors (7,36)
5M7141A	Ford (84)
5M7157A	General Motors (25)
5M7164A	General Motors (36)
5M7191A	Chrysler (17)
	Mitsubishi (6)
5M7193A	Ford (29,53)
	Mazda (47)
5M7214A	Chrysler (23)
	Jeep (8)
5M7214A+2T	Chrysler (23)
	Jeep (8)
5M7218A	General Motors (20)
5M7250A	Ford (54,125)
5M7253A	Ford (54,125)
5M7257A	Ford (35)
5M7264A	Ford (37)
5M7274P	Ford (68,69)
5M7274PO/S1.0	Ford (68,69)
5M7282A	General Motors (38)
5M7285A	General Motors (39)
5M7288A	General Motors (40)
5M7296A	Ford (9,14)
5M7296H	Ford (9,14)

Main Bearing Set	
5M7296HX	Ford (9,14)
5M7297A	Holden (8,28)
	HSV (1)
5M7297H	Holden (8,28)
	HSV (1,2)
5M7297HX	Holden (8,28)
	HSV (1,2)
5M7298A	General Motors (15,17)
5M7298H	General Motors (15,17)
5M7298HX	General Motors (15,17)
5M7313A	Chrysler (4)
	Jeep (10)
5M7703A	Peugeot (11,12,52)
5M7704A	Peugeot (11,12,13,14,15,52)
5M7705A	Peugeot (18,21,37)
	Renault (18)
5M7708A	Peugeot (16,17,19,20,21,22,23)
5M7723A	Peugeot (16,17,19,20,21,22)
5M7725A	Peugeot (16,17,19,20,21,22)
5M7728A	Peugeot (16,17,19,20,21,22)
5M7733A	Peugeot (35,36)
5M7738A	Peugeot (26)
5M7742A	Peugeot (13)
5M7743A	Peugeot (11,13)
5M7744A	Peugeot (11)
5M7752A	Ford (52)
	Peugeot (2,45,46)
5M7756A	Peugeot (47)
5M7765A	Peugeot (48)
5M7768A	Citroen (5)
	Peugeot (49)
5M7772A	Citroen (4)
	Ford (33,34)
	Peugeot (39,40)
	Volvo (19)
5M7803A	Renault (12,15,21,25)
5M7804A	Peugeot (51)
	Renault (11,12,15,21)
5M7807A	Renault (6,7,8,13,14,19,20,22)
	Volvo (9,10,11,12)
5M7807H	Renault (6,7,8,13,14,19,20,22)
	Volvo (9,10,11,12)
5M7807HX	Renault (6,7,8,13,14,19,20,22)
	Volvo (9,10,11,12)
5M7808P	Opel (23,24,25)
	Renault (7,8,10,13,14,23)
5M7817A	Renault (17)
5M7850A	Renault (28,31,32)
5M7864A	Renault (27,41)
5M7865A	Renault (26)
5M7866A	Renault (3,17)
5M7868A	Renault (26)
5M7875A	Renault (9)



NUMERICAL LISTING - ENGINE GROUP

Main Bearing Set	
5M7884A	Renault (29) Volvo (15,23)
5M7888P	Opel (26) Renault (33)
5M7894A	Peugeot (4,5)
5M7899A	Peugeot (5,30,31,32)
5M7904A	Renault (1,2,40) Volvo (7)
5M7909A	Renault (1,5,16,40) Volvo (6)
5M7915A	Peugeot (4,5,31,32)
5M7946P	Renault (35,36,37)
5M7948P	Renault (35,36,37)
5M7956P	Peugeot (50) Renault (35,36,38)
5M8017A	Daihatsu (12)
5M8037A	Mitsubishi (26,43,44)
5M8037H	Mitsubishi (26,43,44)
5M8039A	Mitsubishi (19)
5M804A	General Motors (60,63)
5M805A	General Motors (59,61,62,64)
5M8088H	Toyota (54,55)
5M8088HX	Toyota (54,55)
5M8088P	Toyota (54,55)
5M8092A	Toyota (54)
5M8102A	Renault (24)
5M8133A	Kia (4) Mazda (13,18,20)
5M8134A	Mazda (20)
5M8137A	Mazda (20)
5M8138A	Mazda (22)
5M8142A	Kia (10)
5M8174A	Ford (4,5) Mazda (2,3,10)
5M8184A	Toyota (40)
5M8185A	Toyota (40,47)
5M8214A	Toyota (57)
5M8226A	BMW (16) Toyota (34)
5M8242A	Ford (16,17) Mazda (1,6,7,29)
5M8254P	Toyota (30)
5M8258A	Toyota (67,98)
5M8282A	Toyota (77)
5M8297A	Subaru (4,5,15)
5M8297H	Subaru (4,5,14,15)
5M8297HX	Subaru (4,5,14,15)
5M8297P	Subaru (4,5,14,15)
5M829A	General Motors (46,47)
5M829H	General Motors (46,47)
5M829HX	General Motors (46,47)
5M829P	General Motors (46,47)
5M8302A	Mazda (21)
5M8307A	Suzuki (6)
5M8309A	Subaru (5,14,15,17)
5M8309H	Subaru (5,14,15,17)
5M8309HX	Subaru (5,14,15,17)

Main Bearing Set	
5M8309P	Subaru (5,14,15,17)
5M8312A	Subaru (6) Toyota (33)
5M8329A	Subaru (9)
5M8334A	Mazda (4,42)
5M8335A	Mazda (36)
5M8337A	Suzuki (1,16)
5M8337H	Suzuki (1,16)
5M8337HX	Suzuki (1,16)
5M8339A	Suzuki (11)
5M8342A	Suzuki (13)
5M8353A	Ford (78) Kia (1,2,3,9) Mazda (5,8,9,11,12,24,25,26)
5M8353H	Ford (78) Kia (1,2,3,9) Mazda (5,8,9,11,12,24,25,26)
5M8353HX	Ford (78) Kia (1,2,3,9) Mazda (5,8,9,11,12,24,25,26)
5M8354A	Kia (1) Mazda (8,19,24,26)
5M8361A	Toyota (20,69,82,85,86,102,116)
5M8361H	Toyota (20,69,82,85,86,102,116)
5M8361HX	Toyota (20,69,82,85,86,102,116)
5M8368A	Toyota (45)
5M8372A	Toyota (12,92,93)
5M8373A	Toyota (12,92)
5M8374A	Toyota (3,83,87,88,94,117)
5M8378A	Toyota (11,17,84,101)
5M8382A	Toyota (13)
5M8392A	Toyota (74)
5M8399A	Toyota (12,63,92)
5M8404A	Toyota (35)
5M8404A+2T	Toyota (35)
5M8409A	Toyota (39)
5M8412A	Toyota (25)
5M8412H	Toyota (25)
5M8412HX	Toyota (25)
5M8423A	Toyota (6,7)
5M8426A	Daihatsu (2)
5M8429A	Toyota (37)
5M8438A	Daihatsu (3) Toyota (36)
5M8439P	Toyota (41)
5M8443A	Suzuki (2)
5M8443H	Suzuki (2)
5M8443HX	Suzuki (2)
5M8444A	Suzuki (7)
5M8458A	Toyota (26,27)
5M8480A	Toyota (46)
5M8487A	Toyota (42)
5M8488A	Toyota (42)
5M8494A	Toyota (48)

Main Bearing Set	
5M8495A	Toyota (49)
5M8511A	General Motors (35)
5M8548A	Mazda (46)
5M8551A	Mazda (16)
5M8562A	Isuzu (16,17)
5M8565A	Mitsubishi (20)
5M8572A	Nissan (16,36,49,65,66,67)
5M8584A	Mitsubishi (25)
5M8590A	Mitsubishi (49)
5M8594A	Hyundai (9)
5M8596A	Hyundai (10)
5M8601A	Kia (7)
5M8602A	Kia (6)
5M863A	Ford (40)
5M8702D	Mercedes Benz (35,43)
5M8702P	Mercedes Benz (35,43)
5M8708P	Mercedes Benz (8,49)
5M8713P	Mercedes Benz (9)
5M8718A	Mercedes Benz (14,15)
5M8719A	Mercedes Benz (16)
5M8722A	Mercedes Benz (13,46)
5M8725A	Mercedes Benz (54)
5M8737A	Mercedes Benz (38,39)
5M876A	Chrysler (12)
5M877A	Chrysler (13)
5M909A	General Motors (14)
5M909H	General Motors (14)
5M909HX	General Motors (14)
5M909P	General Motors (14)
5M981A	Ford (11,110)
5M9922A	Land Rover (3) Rover (2,3)
5M9953A	Land Rover (11) Rover (1)
5M9966A	Land Rover (5) Rover (9)
6M1604A	Audi (4,5,6,7,8,9,10,11,12,13,15,16,28,30,31,53,54,55,56,57) Volkswagen (61,102,103,104,105,156)
6M1604P	Audi (4,5,6,7,8,9,10,11,12,13,15,16,28,30,31,53,54,55,56,57) Volkswagen (60,61,102,103,104,105,156)
6M1605A	Audi (12,15,29,30,31,56)
6M1605P	Audi (12,15,16,29,30,31,56) Volkswagen (59)
6M1944A	Honda (36)
6M2200P	Chrysler (15)
6M2224A	General Motors (24)
6M2873A	Mercedes Benz (24,25,26,27,31,32,45) Ssangyong (1)
6M2885A	Alfa Romeo (24) Fiat (29,30,31,32) Lancia (17,18,28)



NUMERICAL LISTING - ENGINE GROUP

Main Bearing Set	
6M5532A	Volkswagen (130)
6M5558P	Volkswagen (149)
6M7296A	Ford (13,38)
6M7884A	Renault (30)
	Volvo (16,17,18)
6M8397A	Toyota (108)
6M8702D	Mercedes Benz (36)
6M8702P	Mercedes Benz (36)
6M8737A	Mercedes Benz (40,41)
6M9952A	Land Rover (9)
7DM1304P	Nissan (82)
7M1122A	Ford (99)
7M1132A	Leyland (10)
7M1164A	Toyota (65,66,70,80)
7M1165A	Toyota (66,122,123)
7M1172A	Nissan (70,71,79)
7M1199P	Mitsubishi (16)
7M1232P	Mitsubishi (1,15)
7M1305P	Nissan (84)
7M1342A	Opel (17)
7M1357P	Toyota (95,121)
7M1388A	Toyota (89,97,120)
7M1389A	Ford (24)
7M1397A	BMW (14)
7M1507A	BMW (1)
7M1507P	BMW (1)
7M1518P	BMW (23)
7M1532A	BMW (3,4,5,6,12,20,24,25,26)
	Opel (27)
	Rover (11)
7M1532H	BMW (3,4,5,6,12,20,24,25,26)
	Opel (27)
	Rover (11)
7M1532HX	BMW (3,4,5,6,12,20,24,25,26)
	Opel (27)
	Rover (11)
7M1532P	BMW (3,4,5,6,12,20,24,25,26)
	Opel (27)
	Rover (11)
7M1539A	BMW (12)
7M1539P	BMW (12)
7M1588P	BMW (18,19)
7M1604A	Volkswagen (138)
	Volvo (13)
7M1604P	Volkswagen (138)
	Volvo (13)
7M1605A	Volkswagen (138)
	Volvo (13)
7M1605P	Volkswagen (138)
	Volvo (13)
7M1747P	Mazda (28)
7M1837P	Isuzu (11,54)
7M1864	Ford (82,106,108)

Main Bearing Set	
7M1884P	Isuzu (37,40,41,42,51)
7M1885P	Isuzu (50)
7M1887P	Isuzu (12,40,41,50)
7M1888P	Isuzu (40,41,51)
7M1889P	Isuzu (42)
7M2092H	Ford (70,102,111)
7M2092HX	Ford (70,102,111)
7M2092P	Ford (70,102,111)
7M2104A	Ford (103,104)
7M2126A	Ford (24,80,90)
7M2158H	Ford (85,86,87,95,97,98,111)
7M2158HX	Ford (85,86,87,95,97,98,111)
7M2158P	Ford (85,86,87,95,97,98,111)
7M2188P	Ford (87,97,98)
7M2224A	General Motors (13)
7M2316	Bedford (4,5)
7M2337	Bedford (6,7)
7M2384H	Holden (1)
7M2384HX	Holden (1)
7M2384P	Holden (1)
7M2392	Bedford (3)
7M2394A	Nissan (15,17,48,80,86,88)
7M2394H	Nissan (15,17,48,80,86,88)
7M2394HX	Nissan (15,17,48,80,86,88)
7M2394P	Nissan (15,17,48,80,86,88)
7M2398H	Holden (2)
7M2398HX	Holden (2)
7M2398P	Holden (2)
7M2428A	Nissan (83)
7M2428H	Nissan (83)
7M2428HX	Nissan (83)
7M2527A	Mercedes Benz (3)
7M2527P	Mercedes Benz (3)
7M2717P	Nissan (9,10,11)
7M2742A	Volvo (5,20)
7M2742P	Volvo (5,20)
7M2784	Leyland (1,2,3)
7M2867P	Mercedes Benz (18)
7M2869P	Mercedes Benz (18)
7M2870P	Mercedes Benz (20)
7M2873A	Mercedes Benz (2,28,29,33,34,48)
7M2878P	Mercedes Benz (12)
7M2880A	Mercedes Benz (3,6)
7M2880P	Mercedes Benz (3,6)
7M2882P	Rover (13)
7M2953A	Nissan (19,62)
7M2965H	Nissan (45,59)
7M2965HX	Nissan (45,59)
7M2965P	Nissan (45,59)
7M2996	Jaguar (3)
7M2997	Jaguar (2)
7M4644A	Chrysler (22)
7M5532A	Audi (60,61)
	Volkswagen (131,132,133)
7M5532H	Audi (60,61)
	Volkswagen (131,132,133)

Main Bearing Set	
7M5532HX	Audi (60,61)
	Volkswagen (131,132,133)
7M5569A	Volkswagen (163)
7M617A	Bedford (3)
	General Motors (26,52,55)
7M704A	American Motors (3)
	Jeep (6,16)
7M7232A	General Motors (33)
7M7884A	Volvo (8)
7M7989A	Toyota (109)
7M7989H	Toyota (109)
7M7989HX	Toyota (109)
7M8103A	Toyota (61)
7M8103H	Toyota (61)
7M8103HX	Toyota (61)
7M8103P	Toyota (61)
7M8397A	Toyota (5,105,106)
7M8397H	Toyota (5,105,106)
7M8397HX	Toyota (5,105,106)
7M8474A	Toyota (43)
7M8475A	Toyota (43,44,53)
7M8476A	Toyota (62)
7M8494A	Toyota (50)
7M8495A	Toyota (51)
7M8702D	Mercedes Benz (37)
7M8702P	Mercedes Benz (37)
7M8732P	Mercedes Benz (52)
7M8874A	Jeep (16)
7M979A	Ford (22,93,100)
7M979P	Ford (22,93,100)

Piston Pin Bush	
3RB4075	Suzuki (10,14,17)
4RB4007	Volkswagen (39)
4RB4008	Toyota (65,66,70,80,122,123)
4RB4010	Mercedes Benz (7,38,39,42)
4RB4013	Isuzu (45)
4RB4017	Mazda (33,34,43,44,45)
4RB4022	Daihatsu (11,14)
4RB4023	Toyota (97,98,120)
4RB4024	Mazda (14,35,42)
4RB4028	Toyota (9,56,90,110,111,112,113,114,115)
4RB4037	Toyota (14,71,79)
4RB4040	Toyota (68)
4RB4051	Subaru (1,2,10,11,12)
4RB4058	Isuzu (44,48)
4RB4059	Mazda (23,38,39)
4RB4065	Toyota (99,117)
4RB4066	Nissan (9,10,11)
4RB4068	Kia (8)
	Mazda (40)
4RB4069	Mitsubishi (5,38)
4RB4070	Toyota (97)
4RB4072	Isuzu (4)
4RB4073	Isuzu (3,21,22,23,24,31)



NUMERICAL LISTING - ENGINE GROUP

Piston Pin Bush	
4RB4075	Suzuki (13)
4RB4076	Toyota (83,94)
4RB4077	Mazda (30,37)
4RB4078	Mazda (41)
4RB4080	Toyota (100,104)
4RB4081	Nissan (52,53,54)
4RB4082	Toyota (88)
4RB4087	Toyota (20,69,82,85,86)
4RB4088	Kia (7)
	Mazda (23)
4RB4090	Toyota (106)
4RB4091	Hyundai (13)
	Mitsubishi (48)
4RB4093	Toyota (64,100)
4RB4094	Daihatsu (8,14)
4RB4095	Toyota (83,87,88)
4RB4096	Nissan (52)
4RB4097	Toyota (12,63,92)
4RB4100	Toyota (104)
4RB4101	Nissan (57)
4RB4102	Nissan (85)
4RB4103	Isuzu (10,29)
4RB4104	Isuzu (30)
4RB4105	Nissan (77)
4RB4107	Nissan (3)
4RB4108	Kia (3)
	Mazda (11,12,26)
4RB4111	Mazda (1,29)
4RB4112	Nissan (58)
4RB4118	Isuzu (25)
4RB4123	Peugeot (8,53)
4RB4134	Renault (28,32)
4RB4145	Daihatsu (8,14)
4RB4147	BMW (9)
4RB4148	BMW (10)
	Land Rover (10)
	Rover (4)
4RB4149	BMW (17)
4RB4150	BMW (2)
4RB4152	BMW (11)
4RB4162	Fiat
	(7,8,14,16,18,19,33,36,38,39,40,41,42,47,50,51)
	Lancia (2,3,10,19,21,22,23)
4RB4164	Fiat (37)
	Opel (18)
4RB4166	Ford (34)
	Peugeot (39)
4RB4167	Audi (25,26,69)
	Volkswagen
	(42,45,48,50,66,122,123)
4RB4168	Audi (23,24,25,27,73,75,76)
	Volkswagen
	(43,44,46,47,48,54,56,57,123,126)
4RB4169	Audi (63,64)
	Volkswagen
	(2,3,7,8,10,11,144,146,147)

Piston Pin Bush	
4RB4170	Audi
	(1,8,9,11,22,32,33,45,46,47,48,49,50,54,55,56,65)
	Volkswagen
	(5,6,64,65,67,85,86,87,88,89,90,91,92,93,94,95,96,98,134,164)
4RB4171	Audi
	(2,3,4,11,17,20,21,28,34,35,36,37,38,39,40,42,43,53,78,79,87,88,89)
	Volkswagen
	(62,63,64,65,67,68,69,70,71,72,73,74,75,76,77,78,79,80,83,84,90,91,93,94,95,96,106,115,134,136,147,161,164,165,166)
4RB4172	Audi (68,80,81)
	Volkswagen
	(31,33,34,35,36,38,58)
4RB4173	Audi (34,59)
	Volkswagen
	(106,107,108,109,113,114,165)
4RB4174	Audi (70,72)
	Volkswagen
	(14,15,16,17,18,19,20,22,23,24,25,26,27,28,29,135,137,144,146,147,159,167)
4RB4176	Volkswagen (144,145)
4RB4178	Volkswagen (83,116,160,162)
4RB4182	Renault (31)
4RB4185	Opel (24)
	Renault (13)
	Volvo (12)
4RB4188	Peugeot (50)
	Renault (35,36,37,38)
4RB4189	Renault (38)
4RB4200	Peugeot (28)
	Volvo (14)
4RB4203	Ford (52)
	Peugeot (46)
4RB4204	Peugeot (1,2,44)
4RB4208	Ford (52)
	Peugeot (2,44,45)
4RB4210	Ford (1,2)
4RB4211	Ford (64,65,66,67)
	Mercedes Benz (35)
4RB4212	Mercedes Benz (1)
4RB4213	Mercedes Benz (1,4)
4RB4224	Honda (20,38)
4RB4227	Mercedes Benz (22,23)
4RB4228	Mercedes Benz (22,23)
4RB4231	Mercedes Benz (43)
4RB4232	Isuzu (27)
	Opel (14,15)
4RB4233	Subaru (4,5,14,15,17)
4RB4235	Toyota (7)
4RB4236	Toyota (58,59)
4RB4238	Toyota (17)

Piston Pin Bush	
4RB4244	Toyota (67,98,119)
4RB4245	Toyota (61)
4RB4246	Toyota (1,32)
4RB4247	Toyota (12,92,93)
4RB4250	Toyota (107)
4RB4251	Toyota (4)
4RB4252	Toyota (104,118)
4RB4254	Toyota (45)
4RB4255	Toyota (46)
4RB4256	Toyota (41)
4RB4257	Toyota (11,84,101)
4RB4258	Toyota (42)
4RB4259	Toyota (48)
4RB4260	Mazda (46)
4RB4261	Mazda (36)
4RB4262	Mazda (27,30)
4RB4263	Mazda (6)
4RB4264	Mazda (39)
4RB4265	Nissan (49)
4RB4266	Nissan (65)
4RB4267	Nissan (66)
4RB4268	Nissan (47)
4RB4269	Nissan (73,78)
4RB4270	Nissan (85)
4RB4274	Nissan (34)
4RB4277	Nissan (1)
4RB4278	Nissan (14)
4RB4280	Nissan (27)
4RB4281	Nissan (27)
4RB4282	Nissan (51)
4RB4283	Isuzu (44,46,47,48)
4RB4284	Isuzu (46,47)
4RB4285	Isuzu (32,49)
4RB4286	Isuzu (20,49)
4RB4288	Isuzu (5,33)
4RB4289	Isuzu (26)
4RB4290	Isuzu (2)
4RB4291	Isuzu (1,28,52)
4RB4292	Isuzu (15,53)
4RB4293	Mitsubishi (45)
4RB4294	Mitsubishi (27)
4RB4295	Mitsubishi (13)
4RB4296	Mitsubishi (3)
4RB4297	Mitsubishi (8)
4RB910	Toyota (81)
5RB4090	Toyota (108)
5RB4167	Audi (12,13)
	Volkswagen (61,102)
5RB4227	Mercedes Benz (24,25,26,27)
5RB4231	Mercedes Benz (36)
6RB4028	Toyota (72)
6RB4059	Mazda (28)
6RB4073	Isuzu (37,40,41,42,51)
6RB4074	Nissan (15,21,48,83,88)
6RB4096	Nissan (55,56)
6RB4098	Toyota (109)
6RB4101	Nissan (59)



NUMERICAL LISTING - ENGINE GROUP

Piston Pin Bush	
6RB4102	Nissan (79)
6RB4109	Toyota (21,76)
6RB4110	Nissan (86)
6RB4112	Nissan (45,59)
6RB4128	Nissan (44)
6RB4141	BMW (12)
6RB4146	BMW (12)
6RB4147	BMW (6)
6RB4148	BMW (4,18)
	Opel (27)
	Rover (11)
6RB4150	BMW (1)
6RB4151	BMW (3)
6RB4152	BMW (14)
6RB4172	Volkswagen (138)
	Volvo (13)
6RB4175	Audi (85,86)
	Volkswagen (157)
6RB4190	Nissan (23)
6RB4191	Nissan (22)
6RB4213	Mercedes Benz (2)
6RB4214	Mercedes Benz (3,53)
6RB4227	Mercedes Benz (28,29)
6RB4231	Mercedes Benz (37)
6RB4234	Subaru (8)
6RB4239	Toyota (43)
6RB4240	Toyota (43,53,62)
6RB4241	Toyota (44,53,62)
6RB4242	Toyota (89)
6RB4243	Toyota (5,105)
6RB4248	Toyota (95,121)
6RB4249	Toyota (95)
6RB4253	Toyota (10)
6RB4259	Toyota (50)
6RB4270	Nissan (79)
6RB4271	Nissan (80)
6RB4272	Nissan (17)
6RB4273	Nissan (19,43,62)
6RB4275	Nissan (20)
6RB4276	Nissan (24)
6RB4287	Isuzu (12,50)
8RB4113	Ford (9,14,20,21,42,84)
8RB4237	Toyota (54,55)
8RB4279	Nissan (40)
RB2134Y	Chrysler (20,21)
RB3049YA20	General Motors (61)
RB3664	General Motors (10,13,24)
RB3864Y20	General Motors (18)
RB4002	Daihatsu (11)
RB4007	Volkswagen (39,118)
RB4008	Toyota (65,66,70,80,122,123)
RB4010	Mercedes Benz (7,38,39,40,42)
RB4011	Leyland (2,3)
RB4012	Leyland (4)
RB4013	Isuzu (45)
RB4015	Ford (6,89)

Piston Pin Bush	
RB4016	Bedford (6)
RB4017	Mazda (33,34,43,44,45)
RB4020	Mercedes Benz (17,18,19,20,21,55)
RB4022	Daihatsu (11,14)
RB4023	Toyota (97,120)
RB4024	Mazda (14,35,42)
RB4028	Nissan (72,81)
	Toyota (9,56,72,90,110,111,112,113,114,115)
RB4036	Land Rover (1,6,8)
RB4040	Toyota (68)
RB4042	Volkswagen (119,120)
RB4043	Ford (81,82,106)
RB4051	Subaru (1,2,10,11,12)
RB4053	Audi (5,6,7,10,14,15,16,29,30,31,44,82)
	Volkswagen (5,9,30,32,37,40,41,59,60,97)
RB4058	Isuzu (44,48)
RB4059	Mazda (23,28,38,39)
RB4063	Bedford (7)
RB4065	Toyota (99,117)
RB4068	Kia (8)
	Mazda (40)
RB4070	Toyota (97)
RB4071	Volvo (1,3)
RB4072	Isuzu (4)
RB4073	Isuzu (3,21,22,23,24,31,37,40,41,42,51)
RB4074	Nissan (15,21,48,83,88)
RB4075	Suzuki (10,13,14,17)
RB4076	Toyota (83,94)
RB4077	Mazda (30,37)
RB4078	Mazda (41)
RB4080	Toyota (100,104)
RB4081	Nissan (52,53,54)
RB4082	Toyota (88)
RB4087	Toyota (20,69,82,85,86)
RB4088	Kia (7)
	Mazda (23)
RB4090	Toyota (106,108)
RB4091	Mitsubishi (48)
RB4093	Toyota (64,100)
RB4094	Daihatsu (8,14)
RB4095	Toyota (83,87,88)
RB4096	Nissan (52,55,56)
RB4097	Toyota (12,63,92)
RB4098	Toyota (109)
RB4100	Toyota (104)
RB4101	Nissan (57,59)
RB4102	Nissan (79,85)
RB4103	Isuzu (10,29)
RB4104	Isuzu (30)
RB4105	Nissan (77)

Piston Pin Bush	
RB4106	General Motors (3)
	Holden (19)
RB4106-R	General Motors (3)
	Holden (19)
RB4107	Nissan (3)
RB4108	Kia (3)
	Mazda (11,12,26)
RB4109	Toyota (21,76)
RB4110	Nissan (86)
RB4111	Mazda (1,29)
RB4112	Nissan (45,58,59)
RB4113	Ford (9,14,20,21,42,84)
RB4114	Ford (15)
	Jaguar (1)
	Mazda (48)
RB4118	Isuzu (25)
RB4119	Opel (11,12)
RB4121	Renault (12,25)
RB4122	Opel (25)
	Renault (8,9,10,19,20)
RB4123	Peugeot (6,8,53)
RB4124	Ford (70)
RB4125	Subaru (5,17)
RB4128	Nissan (44)
RB4134	Renault (28,32)
RB4140	Audi (60,61)
	Volkswagen (130,131,132)
RB4141	BMW (8,12)
RB4143	Toyota (30)
RB4145	Daihatsu (14)
RB4146	BMW (12)
RB4147	BMW (6,9)
RB4148	BMW (4,10,18)
	Land Rover (10)
	Opel (27)
	Rover (4,11)
RB4149	BMW (17)
RB4150	BMW (1,2)
RB4151	BMW (3)
RB4152	BMW (11,14)
RB4153	Alfa Romeo (1,2,3,4)
	Fiat (9)
	Lancia (4)
RB4154	Alfa Romeo (5,6,7,8)
	Jeep (15)
	Rover (5)
RB4155	Alfa Romeo (9)
RB4156	Alfa Romeo (10,11,12,13,14)
	Fiat (10,31,32,35)
	Lancia (18,20,27,28)
RB4157	Alfa Romeo (15)
	Fiat (1,20)
	Lancia (11,29)
RB4158	Alfa Romeo (17)
	Fiat (17,25)
	Lancia (11,29)
RB4159	Alfa Romeo (16,18)



NUMERICAL LISTING - ENGINE GROUP

Piston Pin Bush	
RB4159	Fiat (4,5,6,15,19,21,23,24,49) Lancia (1,7,8,9,12)
RB4160	Alfa Romeo (20,21,23,24) Fiat (2,11,26,27,28,29,30) Lancia (13,14,15,16,17)
RB4161	Fiat (3,20) Lancia (11,29)
RB4162	Fiat (7,8,13,14,16,18,19,33,36,38,39,40,41,42,47,50,51) Lancia (2,3,5,6,7,10,19,21,22,23)
RB4163	Fiat (22)
RB4164	Fiat (37) Opel (18)
RB4165	Citroen (1,2) Fiat (34) Peugeot (41)
RB4166	Citroen (4) Ford (34) Peugeot (39)
RB4167	Audi (12,13,25,26,69) Volkswagen (42,45,48,50,61,66,102,122,123)
RB4168	Audi (23,24,25,27,73,75,76) Volkswagen (43,44,46,47,48,54,56,57,105,123,126)
RB4169	Audi (63,64) Volkswagen (2,3,7,8,10,11,144,146,147)
RB4170	Audi (1,8,9,11,22,32,33,45,46,47,48,49,50,54,55,56,65) Volkswagen (5,6,64,65,67,85,86,87,88,89,90,91,92,93,94,95,96,98,103,104,134,164)
RB4171	Audi (2,3,4,11,17,20,21,28,34,35,36,37,38,39,40,42,43,53,78,79,87,88,89) Volkswagen (62,63,64,65,67,68,69,70,71,72,73,74,75,76,77,78,79,80,83,84,90,91,93,94,95,96,106,115,134,136,147,161,164,165,166)
RB4172	Audi (68,80,81) Volkswagen (31,33,34,35,36,38,58,138) Volvo (13)
RB4173	Audi (34,59) Volkswagen (106,107,108,109,113,114,165)
RB4174	Audi (70,72)

Piston Pin Bush	
	Volkswagen (14,15,16,17,18,19,20,22,23,24,25,26,27,28,29,135,137,144,146,147,159,167)
RB4175	Audi (85,86) Volkswagen (157)
RB4176	Volkswagen (144,145)
RB4177	Volkswagen (28,29)
RB4178	Volkswagen (83,116,160,162)
RB4180	Renault (29,30) Volvo (8,15,16,17,18,23)
RB4181	Renault (15)
RB4182	Renault (31)
RB4183	Opel (26) Renault (33)
RB4184	Opel (23) Renault (23)
RB4185	Opel (24) Renault (13) Volvo (12)
RB4186	Renault (14,22)
RB4187	Renault (27)
RB4188	Peugeot (50) Renault (35,36,37,38)
RB4189	Renault (38)
RB4190	Nissan (23)
RB4191	Nissan (22)
RB4197	Peugeot (4,5,30,32)
RB4198	Peugeot (36)
RB4199	Peugeot (54) Rover (6)
RB4200	Peugeot (28) Volvo (14)
RB4201	Peugeot (7,38) Rover (7)
RB4202	Ford (33) Peugeot (40) Volvo (19)
RB4203	Ford (52) Peugeot (46)
RB4204	Peugeot (1,2,44)
RB4205	Peugeot (47,48)
RB4206	Peugeot (53)
RB4207	Peugeot (29)
RB4208	Ford (52) Peugeot (2,44,45)
RB4209	Saab (3,4)
RB4210	Ford (1,2)
RB4211	Ford (64,65,66,67)
RB4215	Mercedes Benz (6)
RB4216	Mercedes Benz (8)
RB4217	Mercedes Benz (8)
RB4218	Mercedes Benz (16)
RB4219	Mercedes Benz (14)
RB4220	Mercedes Benz (15)
RB4221	Mercedes Benz (13)
RB4222	Mercedes Benz (46)

Piston Pin Bush	
RB4223	General Motors (38)
RB4225	Mercedes Benz (24,25,26,27,28,29,30,31,32,33,34,44,45)
RB4226	Mercedes Benz (30,31,32,33,34)
RB4227	Mercedes Benz (22,23,24,25,26,27,28,29)
RB4228	Mercedes Benz (22,23)
RB4229	Mercedes Benz (24,25,26,27,28,29)
RB4230	Ford (12)
RB4232	Isuzu (27) Opel (14)
RB4233	Subaru (4,5,14,15,17)
RB4234	Subaru (8)
RB4235	Toyota (7)
RB4236	Toyota (58,59)
RB4237	Toyota (54,55)
RB4238	Toyota (17)
RB4239	Toyota (43)
RB4240	Toyota (43,53,62)
RB4241	Toyota (44,53,62)
RB4242	Toyota (89)
RB4243	Toyota (5,105)
RB4244	Toyota (67,98,119)
RB4245	Toyota (61)
RB4246	Toyota (1,32)
RB4247	Toyota (12,92,93)
RB4248	Toyota (95,121)
RB4249	Toyota (95)
RB4250	Toyota (107)
RB4251	Toyota (4)
RB4252	Toyota (104,118)
RB4253	Toyota (10)
RB4254	Toyota (45)
RB4255	Toyota (46)
RB4256	Toyota (41)
RB4257	Toyota (11,84,101)
RB4258	Toyota (42)
RB4259	Toyota (48,50)
RB4260	Mazda (46)
RB4261	Mazda (36)
RB4262	Mazda (27,30)
RB4263	Mazda (6)
RB4264	Mazda (39)
RB4265	Nissan (49)
RB4266	Nissan (65)
RB4267	Nissan (66)
RB4268	Nissan (47)
RB4269	Nissan (73,78)
RB4270	Nissan (79,85)
RB4271	Nissan (80)
RB4272	Nissan (17)
RB4273	Nissan (19,43,62)
RB4274	Nissan (34)
RB4275	Nissan (20)



NUMERICAL LISTING - ENGINE GROUP

Piston Pin Bush

RB4276	Nissan (24)
RB4277	Nissan (1)
RB4278	Nissan (14)
RB4279	Nissan (40)
RB4280	Nissan (27)
RB4281	Nissan (27)
RB4282	Nissan (51)
RB4283	Isuzu (44,46,47,48)
RB4284	Isuzu (46,47)
RB4285	Isuzu (32,49)
RB4286	Isuzu (20,49)
RB4287	Isuzu (12,50)
RB4288	Isuzu (5,33)
RB4289	Isuzu (26)
RB4290	Isuzu (2)
RB4291	Isuzu (1,28,52)
RB4292	Isuzu (15,53)
RB4293	Mitsubishi (45)
RB4294	Mitsubishi (27)
RB4295	Mitsubishi (13)
RB4296	Mitsubishi (3)
RB4297	Mitsubishi (8)
RB4298	Volvo (8,16,17,18)
RB4299	Volvo (4)
RB4300	Volvo (2,5,20,21)
RB4305	Isuzu (7,8)
RB792	Ford (96,104,108)
RB808	Holden (13)
RB843	Leyland (11,12,16)
RB850	Rover (13)
RB860	Leyland (10,18)
RB875	Jaguar (2,3)
	Leyland (20)
	Triumph/Standard (3)
RB876	Holden (13)
RB882	Bedford (4)
RB883	Land Rover (2,7)
	Rover (10,12)
RB889	Bedford (2)
	Vauxhall (1)
RB890	Triumph/Standard (4)
RB895	Bedford (8)
RB896	Commer (1)
RB902	Ford (46,51,73,121,122)
RB910	Toyota (81)
RB911	Toyota (73)
RB912	Bedford (5)

Rocker Arm Bush

B558	Leyland (5,11,12,14,16)
B633	Leyland (8)
	Nissan (75)
B777	Holden (13)
B791	Toyota (65,68,70,73,80,81)
B792	Toyota (65,68,70,73,80,81)
B886	Bedford (4,5,6)

Thrustwasher Set

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Thrustwasher Set

1T1020A	Fiat (33)
	Lancia (19)
1T1053A	Alfa Romeo (10,11,12,13,14)
	Fiat (10,11,12,35)
	Lancia (20,27)
1T1065A	Alfa Romeo (9)
1T1093	Alfa Romeo (5,6,7,8)
	Jeep (15)
	Rover (5)
1T1142	Mitsubishi (13)
1T1183	Hyundai (15)
	Mitsubishi (36)
1T1192	Isuzu (10,36,44,46,47)
1T1204	Hyundai (5)
1T1219	Hyundai (14)
	Mitsubishi (41,47,53,54)
1T1227	Mitsubishi (3,48)
1T1233	Mitsubishi (28)
1T1237	Mitsubishi (7)
1T1237P	Mitsubishi (7)
1T1258	Hyundai (6)
1T1427	Daihatsu (11)
1T1542	Land Rover (1,2,6,7,8)
	Rover (10,12)
1T1617	Peugeot (25)
1T1649	Ford (58,59,60,61,72,75)
1T1817	Isuzu (25,26)
1T1822A	Fiat (36,51)
	Lancia (21)
1T1824	Honda (35)
	Isuzu
	(2,4,5,13,14,33,34,35,38,39)
1T1842	Honda (34)
	Isuzu (43)
1T1853	BMW (16)
	Toyota
	(26,27,34,57,58,59,60)
1T1867	Isuzu (7,8,19,27)
	Opel (14,15)
1T1869	Isuzu (8,19)
1T1893	Isuzu (6,18,29,30,45,48)
1T1934	Honda (46,47)
1T1937	Honda (15,16,18,19,36)
1T1952	Honda
	(1,8,9,10,11,13,25,26,29,33,3
	9,40,42,43,45)
1T1957	Honda
	(2,3,4,5,6,12,17,19,20,21,22,
	23,27,28,30,31,38)
1T1991	Honda (44,48)
1T1996	Honda (24,37,41)
1T2015	Saab (4,5)
1T2018	Saab (3)
1T2152	Ford
	(1,2,32,45,46,51,62,63,73,11
	6,121,122)
1T2154	Ford (55,56,57)
1T2219	Leyland (19)

Thrustwasher Set

1T2407	Triumph/Standard (4,6)
1T2505	Nissan (28,33)
1T2539	Nissan (42)
1T2605	Mercedes Benz (47)
	Smart (1)
1T2627	Nissan (1)
1T2628	Nissan (14)
1T2635	Nissan (41)
	Renault (39)
1T2665	Nissan (37)
1T2678	Nissan (27)
1T2712A	Fiat (43,44)
	Lancia (24)
1T2729	Volvo (4,22)
1T2769	Nissan (5)
1T2809	Isuzu (13,35)
1T2827A	Alfa Romeo (15,16,17,18)
	Fiat
	(1,2,3,4,5,6,13,14,15,16,17,1
	8,19,20,21,22,23,24,25,48,49
)
	Lancia
	(1,5,6,7,8,9,10,11,12,29)
1T2849A	Fiat
	(7,8,36,38,40,41,42,47,50,51)
	Lancia (21,22,23)
1T2874A	Alfa Romeo (3,4)
	Fiat (9)
	Lancia (4)
1T2882	Rover (13)
1T2884A	Alfa Romeo (20,21,22,23,24)
	Fiat (26,27,28,29,30,31,32)
	Lancia (13,14,15,16,17,18,28)
1T2894A	Fiat (37)
	Lancia (2,3)
	Opel (18)
1T2905	Nissan (29,31)
1T2952	Nissan (3)
1T2964	Nissan (18,34)
1T3161	Renault (34)
1T3252	Jaguar (2,3)
1T3286	Isuzu (5,13,14,33,34,35)
1T5505	Renault (31,32)
1T5572	Skoda (1)
1T5573	Skoda (2)
1T6115	Chrysler (2,16)
	Jeep (9)
1T6162	Commer (1)
1T7172	Chrysler (6,7,8)
1T7191	Chrysler (17)
	Mitsubishi (6)
1T7214	Chrysler (1,23)
	Jeep (7,8)
1T7316	Chrysler (18)
1T7707	Peugeot (16,18,21,24,37,54)
	Renault (18)
	Rover (6)



NUMERICAL LISTING - ENGINE GROUP

Thrustwasher Set	
1T7709	Peugeot (17,18,19,20,21,22,23,24,54)
	Renault (18)
	Rover (6)
1T7733	Peugeot (34,35,36)
1T7738	Peugeot (26)
1T7768	Citroen (5)
	Peugeot (49)
1T7772	Citroen (4)
	Ford (33,34)
	Peugeot (39,40)
	Volvo (19)
1T7803	Peugeot (51)
	Renault (12,15,21,25)
1T7804	Renault (11,12,15,21)
1T7807	Opel (23,24,25)
	Renault (6,7,8,9,10,13,14,19,20,22,23,31,32)
	Volvo (9,10,11,12)
1T7809	Nissan (32)
	Renault (26,27,41)
1T7815	Renault (1,4,5,16,24,40)
	Volvo (6)
1T7850	Renault (28)
1T7864	Renault (27)
1T7888	Opel (26)
	Renault (33)
1T7889	Opel (26)
	Renault (33)
1T7904	Renault (1,2,40)
	Volvo (7)
1T8011	Daihatsu (5,6,7,13)
1T8017	Daihatsu (12)
1T8019	Daihatsu (9)
1T8025	Daihatsu (1,13)
1T8037	Mitsubishi (19,26,43,44)
1T8126	Daihatsu (2,4)
	Toyota (40,47)
1T8254	Toyota (30)
1T8302	Mazda (21)
1T8307	Suzuki (6,8,15)
1T8335	Mazda (36)
1T8337	Daewoo (3,5)
	General Motors (29)
	Suzuki (1,4,9,12,16)
1T8339	Suzuki (11)
1T8342	Suzuki (13,17)
1T8353	Ford (78)
	Kia (1,2,3,9)
	Mazda (5,8,9,11,24,26)
1T8355	Suzuki (5,10,14)
1T8404	Toyota (35)
1T8412	Toyota (25)
1T8424	Toyota (38)
1T8429	Toyota (37)
1T8438	Daihatsu (3)

Thrustwasher Set	
	Toyota (36)
1T8443	Suzuki (2,7)
1T8551	Mazda (16)
1T8562	Isuzu (16,17)
1T8565	Mitsubishi (20)
1T8584	Mitsubishi (24,25)
1T9922	Land Rover (3)
	Rover (2,3)
2T1031	Alfa Romeo (19)
2T1132	Leyland (10,18)
2T1149	Hyundai (7)
	Mitsubishi (2,17)
2T1157	Mazda (14)
2T1167	Mazda (35,42)
2T1215	Hyundai (2)
2T1298	Nissan (39)
2T1357	Toyota (95,121)
2T1362	Toyota (67,97,98,119,120)
2T1367	Nissan (12,45,51,52,53,54,55,56,57,58,59)
2T1388	Toyota (89,97)
2T1433	Leyland (6)
2T1604	Audi (4,6,7,8,9,10,11,12,13,15,16,28,31,53,54,55,56,57)
	Volkswagen (60,61,102,103,104,105,138,155,156)
	Volvo (13)
2T1614	Audi (4,6,7,8,9,10,11,12,13,15,16,28,31,53,54,55,56,57)
	Peugeot (25)
	Volkswagen (60,61,102,103,104,105,138,155,156)
	Volvo (13)
2T1642	Ford (94)
2T1644	Audi (1,2,3,14,17,19,20,21,22,23,24,25,26,27,32,33,34,35,37,38,39,40,42,43,44,45,46,47,48,51,52,58,59,63,64,65,68,69,70,71,72,73,74,75,76,77,78,80,81,87,88,89)
	Volkswagen (4,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,31,33,34,35,36,38,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,106,1)
2T1657	Ford (88)
2T1689	Toyota (8,15,16,18,19,20,69,77,82,85,86,102,103,116)

Thrustwasher Set	
2T1689P	Toyota (8,15,16,18,19,20,69,77,82,85,86,103,116)
2T1695	Toyota (1,2,32,78,91,124)
2T1703	Toyota (9,68,90,110,111,112,113,114)
2T1705	Toyota (113,114,115)
2T1727	Toyota (64,100,104,118)
2T1747	Mazda (28,38,39)
2T1748	Kia (7,8)
	Mazda (40)
2T1777	Kia (6)
	Mazda (23,41)
2T1778	Mitsubishi (27,45)
2T1852	Toyota (4,107)
2T1887	Isuzu (12,49,50)
2T1888	Isuzu (20,21,31,32,40,41,49,50)
2T1889	Isuzu (3,21,22,23,24,31,32,37,40,41,42,51)
2T1939	Bedford (8)
2T2102	Ford (3,81,82,96,103,104,106,108)
2T2134	Kia (10)
	Mazda (27,30,37)
2T2167	Ford (7,49,50,71,79,105,113)
2T2202	Leyland (5,14)
2T2203	Leyland (11,12,16)
2T2204	Leyland (9,12,13,15)
2T2252	Leyland (4)
2T2316	Bedford (4,5)
2T2319	Bedford (4,5)
2T2367	Bedford (6,7)
2T2525	Mercedes Benz (1)
2T2597	Nissan (40)
2T2633	Nissan (24,44)
2T2647	Nissan (8)
2T2717	Nissan (10)
2T2734	Peugeot (1,2,44,45)
2T2775	Nissan (13,30,46,69)
2T2784	Leyland (1,2,3)
2T2873	Mercedes Benz (1,2,4,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,43,44,45)
2T2915	Nissan (4)
2T2995	Nissan (35)
2T3064A	Citroen (1,3)
	Fiat (34)
	Peugeot (41,42,43)
2T3065A	Citroen (1)
	Fiat (34)
	Peugeot (41,42)
2T4092	Leyland (5,14)
2T4162	Mazda (33,34,44)
2T4242	Alfa Romeo (1,2)



NUMERICAL LISTING - ENGINE GROUP

Thrustwasher Set	
2T4302	Leyland (8) Nissan (38,74,75,76)
2T4382	Ford (36)
2T4386	Ford (64)
2T5509	Ford (65,66,67)
2T5532	Audi (60,61) Volkswagen (130,131,132,133)
2T5533	Audi (41,79) Volkswagen (78,129)
2T5535	Audi (18,67,70,79,83) Volkswagen (16,17,18,78,110,116,117,14 0,144,146,147,150,154)
2T5547	Audi (84,85) Volkswagen (157)
2T5549	Audi (86,90)
2T5569	Volkswagen (163)
2T7062	Leyland (20) Triumph/Standard (3)
2T7703	Ford (47) Peugeot (8,11,12,13,14,15,28,29,52,5 3) Volvo (14)
2T7715	Peugeot (7,9,10,27,38) Rover (7)
2T7717	Peugeot (6)
2T7748	Ford (47) Peugeot (28,29) Volvo (14)
2T7752	Ford (52) Peugeot (2,45,46)
2T7899	Peugeot (4,5,30,31,32)
2T7962	Toyota (24,65,66,68,70,73,80,122,12 3)
2T7987	Toyota (72)
2T7989	Toyota (109)
2T8002	Toyota (81)
2T8062	Toyota (14,71,79)
2T8063	Toyota (21,22,23,75,76)
2T8092	Toyota (54,55)
2T8103	Toyota (61)
2T8242	Ford (16,17) Mazda (1,6,7,29)
2T8263	Toyota (52)
2T8283	Toyota (3,83,87,88,94,117)
2T8329	Subaru (9)
2T8334	Mazda (4,19,42)
2T8352	Mazda (15,17,31,32)
2T8363	Toyota (69,86)
2T8372	Toyota (12,63,92,93)
2T8377	Toyota (11,17,84,101)
2T8379	Toyota (10)
2T8382	Toyota (13,29,45)
2T8392	Toyota (74)
2T8397	Toyota (5,42,105,106,108)

Thrustwasher Set	
2T8423	Toyota (6,7)
2T8439	Toyota (41)
2T8468	Toyota (28,31)
2T8474	Toyota (43,44,53,62)
2T8480	Toyota (46)
2T8488	Toyota (42)
2T8494	Toyota (48,49,50)
2T8548	Mazda (46)
2T8718	Mercedes Benz (14,15,16)
2T8722	Mercedes Benz (13,46)
2T8737	Mercedes Benz (38,39,40,41)
2T9952	Land Rover (9,11) Rover (1)
3T1197	Mitsubishi (9,50)
3T1199	Hyundai (3) Mitsubishi (5,16,38,39,46)
3T1229	Mitsubishi (37,38,39,40)
3T1232	Mitsubishi (1)
3T1837	Isuzu (1,11,15,28,52,53,54)





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